LAMPIRAN

Lampiran 1 Kode Program Menu Home

```java
public class HomeKonsumsi extends
javax.swing.JFrame {

  /**
   * Creates new form HomeKonsumsi
   */
  public HomeKonsumsi() {
    this.setUndecorated(true);
    initComponents();
    //Resize Image JLabel.Logo
    BufferedImage             loadImg             =
loadImage("C:\\Pembukuan\\logo.png");

    //proses resize gambar
    BufferedImage gambar_c = resize(loadImg, 112,
140);
    ImageIcon          imageicon          =          new
ImageIcon(gambar_c);
    Logo.setIcon(imageicon);
  }

  public    static    BufferedImage    loadImage(String
alamat) {
    BufferedImage bi = null;
    try {
      bi = ImageIO.read(new File(alamat));
    } catch (Exception e) {
      e.printStackTrace();
    }

    return bi;
  }

  public   static   BufferedImage   resize(BufferedImage
img, int newW, int newH) {

    int w = img.getWidth();
    int h = img.getHeight();
    BufferedImage     dimg     =     dimg     =     new
BufferedImage(newW, newH, img.getType());
    Graphics2D g = dimg.createGraphics();

g.setRenderingHint(RenderingHints.KEY_INTERPOL
ATION,
RenderingHints.VALUE_INTERPOLATION_BILINE
AR);
    g.drawImage(img, 0, 0, newW, newH, 0, 0, w, h,
null);

    g.dispose();

    return dimg;

  }

  /**
   * This method is called from within the constructor
to initialize the form.
   * WARNING: Do NOT modify this code. The
content of this method is always
   * regenerated by the Form Editor.
   */
  @SuppressWarnings("unchecked")
  //        <editor-fold        defaultstate="collapsed"
desc="Generated Code">
  private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel9 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    btn_hpp = new javax.swing.JButton();
    KONVEKSI = new javax.swing.JButton();
    jPanel3 = new javax.swing.JPanel();
    Logo = new javax.swing.JLabel();


setDefaultCloseOperation(javax.swing.WindowConstan
ts.EXIT_ON_CLOSE);

    jPanel1.setBackground(new       java.awt.Color(30,
130, 76));

    jLabel2.setFont(new  java.awt.Font("Brush  Script
MT", 0, 25)); // NOI18N
    jLabel2.setForeground(new       java.awt.Color(255,
255, 255));
    jLabel2.setText("Home");

    jLabel5.setBackground(new java.awt.Color(204, 0,
0));
    jLabel5.setFont(new     java.awt.Font("Arial",     1,
18)); // NOI18N
    jLabel5.setForeground(new       java.awt.Color(255,
255, 255));
    jLabel5.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Delete_16px.png")); // NOI18N
    jLabel5.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
    jLabel5.addMouseListener(new
java.awt.event.MouseAdapter() {
      public                                     void
mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel5MouseClicked(evt);
      }
    });

    jLabel6.setFont(new  java.awt.Font("Tahoma",  1,
18)); // NOI18N
    jLabel6.setForeground(new       java.awt.Color(255,
255, 255));
    jLabel6.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Subtract_16px.png")); // NOI18N
    jLabel6.setAlignmentY(0.0F);
    jLabel6.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
```

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        jLabel6.addMouseListener(new
java.awt.event.MouseAdapter() {
            public                    void
mouseClicked(java.awt.event.MouseEvent evt) {
                jLabel6MouseClicked(evt);
            }
        });

        jLabel9.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Home_16px.png")); // NOI18N
        jLabel9.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        jLabel9.addMouseListener(new
java.awt.event.MouseAdapter() {
            public                    void
mouseClicked(java.awt.event.MouseEvent evt) {
                jLabel9MouseClicked(evt);
            }
        });

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel9)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.UNRELATED)
                .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE,      17,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jLabel5)
                .addContainerGap())
        );
        jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(0, 0, Short.MAX_VALUE)
                .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE,      47,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel9,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
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                    .addComponent(jLabel5,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                    .addComponent(jLabel6,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
                .addContainerGap())
        );

        jPanel2.setBackground(new     java.awt.Color(102,
102, 102));

        jLabel1.setFont(new   java.awt.Font("Mistral",   1,
24)); // NOI18N
        jLabel1.setForeground(new      java.awt.Color(255,
255, 255));
        jLabel1.setText("AL- BAROKAH BOOK");

        btn_hpp.setFont(new java.awt.Font("Tahoma", 1,
12)); // NOI18N
        btn_hpp.setText("MANAGER");
        btn_hpp.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        btn_hpp.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        btn_hpp.addActionListener(new
java.awt.event.ActionListener() {
            public                    void
actionPerformed(java.awt.event.ActionEvent evt) {
                btn_hppActionPerformed(evt);
            }
        });
        btn_hpp.addKeyListener(new
java.awt.event.KeyAdapter() {
            public                    void
keyPressed(java.awt.event.KeyEvent evt) {
                btn_hppKeyPressed(evt);
            }
        });

        KONVEKSI.setFont(new
java.awt.Font("Tahoma", 1, 12)); // NOI18N
        KONVEKSI.setText("ADMIN");
        KONVEKSI.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        KONVEKSI.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        KONVEKSI.addActionListener(new
java.awt.event.ActionListener() {
            public                    void
actionPerformed(java.awt.event.ActionEvent evt) {
                KONVEKSIActionPerformed(evt);
            }
        });
        KONVEKSI.addKeyListener(new
java.awt.event.KeyAdapter() {
            public                    void
keyPressed(java.awt.event.KeyEvent evt) {
                KONVEKSIKeyPressed(evt);
            }
        });

        Logo.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Untitl
ed-1.png"))); // NOI18N
```

```java
        javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
        jPanel3.setLayout(jPanel3Layout);
        jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(Logo)

.addContainerGap(javax.swing.GroupLayout.DEFAUL
T_SIZE, Short.MAX_VALUE))
        );
        jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAI
LING, jPanel3Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAUL
T_SIZE, Short.MAX_VALUE)
                .addComponent(Logo,
javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap()))
        );

        javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(104, 104, 104)

.addGroup(jPanel2Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel1)

.addGroup(jPanel2Layout.createSequentialGroup()
                        .addComponent(KONVEKSI,
javax.swing.GroupLayout.PREFERRED_SIZE,     81,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(18, 18, 18)
                        .addComponent(btn_hpp,
javax.swing.GroupLayout.PREFERRED_SIZE,     80,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAI
LING, jPanel2Layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED,                          25,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jPanel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(24, 24, 24)))
                .addContainerGap(115,
Short.MAX_VALUE))
        );
        jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(23, 23, 23)
                .addComponent(jLabel1)
                .addGap(18, 18, 18)
                .addComponent(jPanel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(32, 32, 32)

.addGroup(jPanel2Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.BASELINE)
                    .addComponent(btn_hpp,
javax.swing.GroupLayout.PREFERRED_SIZE,     29,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(KONVEKSI,
javax.swing.GroupLayout.PREFERRED_SIZE,     29,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addContainerGap(33, Short.MAX_VALUE))
        );

        javax.swing.GroupLayout    layout    =    new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)
                .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        );
        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED)
                    .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        );

        setSize(new java.awt.Dimension(416, 414));
        setLocationRelativeTo(null);
    }// </editor-fold>

    private                                    void
jLabel5MouseClicked(java.awt.event.MouseEvent  evt)
{
        System.exit(0);
```

```java
        }

    private                                    void
jLabel6MouseClicked(java.awt.event.MouseEvent  evt)
{
        this.setState(JFrame.ICONIFIED);
    }

    private                                    void
jLabel9MouseClicked(java.awt.event.MouseEvent  evt)
{
        Home n = new Home ();
        n.setVisible(true);
        this.setVisible(false);
    }

    private                                    void
btn_hppActionPerformed(java.awt.event.ActionEvent
evt) {
        LoginKonsumsi n = new LoginKonsumsi ();
        n.setVisible(true);
        this.setVisible(false);
    }

    private                                    void
btn_hppKeyPressed(java.awt.event.KeyEvent evt) {

    }

    private                                    void
KONVEKSIActionPerformed(java.awt.event.ActionEv
ent evt) {
        ProgressBar pb = new ProgressBar();
        pb.setVisible(true);
//      KONVEKSI n = new KONVEKSI ();
//      n.setVisible(true);
//
n.setExtendedState(JFrame.MAXIMIZED_BOTH);
        this.setVisible(false);// TODO add your handling
code here:
    }

    private                                    void
KONVEKSIKeyPressed(java.awt.event.KeyEvent  evt)
{
        // TODO add your handling code here:
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold    defaultstate="collapsed"    desc="
Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not
available, stay with the default look and feel.
         *     For        details        see
http://download.oracle.com/javase/tutorial/uiswing/look
andfeel/plaf.html
         */
        try {
            for  (javax.swing.UIManager.LookAndFeelInfo
info                                              :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Windows".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClass
Name());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(HomeKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(HomeKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(HomeKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        }                                      catch
(javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(HomeKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new  Runnable()
{
            public void run() {
                new HomeKonsumsi().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton KONVEKSI;
    private javax.swing.JLabel Logo;
    private javax.swing.JButton btn_hpp;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JLabel jLabel9;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JPanel jPanel2;
    private javax.swing.JPanel jPanel3;
    // End of variables declaration
}
```

Lampiran 2 Kode Program Menu Admin

```java
/**
 *
 * @author Hapis
 */
public class Utama extends javax.swing.JFrame {

    static Utama ksm = new Utama();
    int coloumnyangdiedit;
    double hargasatuan = 0;;
    String fileSave;
    final private String jenisPaket = "Box";
    private String kodeIDN = "+62 ";

    //panggil database pembukuan dari sqlite
    JDBC sqlite = new JDBC();

    //constructor yang akan dipakai di beberapa method
    int getvalueedit(){
        return coloumnyangdiedit;
    }
    void setvalueedit(int a){
        coloumnyangdiedit = a;
    }
    void SetFileSave(String filesave){
        fileSave = filesave;
    }
    String getFileSave(){
        return fileSave;
    }
    double gethargasatuan(){
        return hargasatuan;
    }
    void sethargasatuan(double a){
        hargasatuan = a;
    }

    /**
     * Creates new form Utama
     */
    public Utama() {
        initComponents();
        clear();
        //setharga_saatmulai();
        setExtendedState(JFrame.MAXIMIZED_BOTH);

        //set textfield tidak bisa di edit
        txt_totalharga.setEditable(false);
        txt_sisapembayaran.setEditable(false);

        //memuat tabel dari database sqlite
        tableload(tabel);

        //set tanggal sekarang
        DateFormat dateFormat = new
SimpleDateFormat("dd-MM-yyyy");
        Date date = new Date();
        String dateValuepesan = dateFormat.format(date);
        String dateValueantar = dateFormat.format(date);
        java.util.Date datepesan = null;
        java.util.Date dateantar = null;
        try {
            datepesan = new SimpleDateFormat("dd-MM-
yyyy").parse(dateValuepesan);
            dateantar = new SimpleDateFormat("dd-MM-
yyyy").parse(dateValueantar);
        } catch (ParseException ex) {
            Logger.getLogger(KONSUMSI.class.getName()).log(L
evel.SEVERE, null, ex);
        }
        dc_tanggalpesan.setDate(datepesan);
        dc_tanggalantar.setDate(dateantar);
        getAdminKomsumsi();
        btn_admin_save.setEnabled(false);
        txt_admin.setEnabled(false);
        txt_admin.setText("");


jScrollPane3.getVerticalScrollBar().setUnitIncrement(1
6);

        btn_save.setEnabled(false);
        btn_cancel.setEnabled(false);

        btn_input.setEnabled(true);
        btn_clear.setEnabled(true);
        btn_delete.setEnabled(true);
        btn_edit.setEnabled(true);
        btn_eksportobook.setEnabled(true);
        btn_eksporagreement.setEnabled(true);

        getAndsetDataforPaket();
    }
    /**
     * This method is called from within the constructor
to initialize the form.
     * WARNING: Do NOT modify this code. The
content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    //         <editor-fold         defaultstate="collapsed"
desc="Generated Code">
    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel19 = new javax.swing.JLabel();
        jLabel18 = new javax.swing.JLabel();
        jLabel20 = new javax.swing.JLabel();
        jScrollPane3 = new javax.swing.JScrollPane();
        jPanel4 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jLabel3 = new javax.swing.JLabel();
        txt_pemesan = new javax.swing.JTextField();
        jLabel17 = new javax.swing.JLabel();
        txt_noHP = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        dc_tanggalpesan            =            new
com.toedter.calendar.JDateChooser();
        jLabel5 = new javax.swing.JLabel();
        dc_tanggalantar            =            new
com.toedter.calendar.JDateChooser();
        jLabel6 = new javax.swing.JLabel();
        jScrollPane1 = new javax.swing.JScrollPane();
        txt_alamat = new javax.swing.JTextArea();
        jLabel7 = new javax.swing.JLabel();
        sp_jamantar = new javax.swing.JSpinner();
        jLabel8 = new javax.swing.JLabel();
        cb_paket = new javax.swing.JComboBox<>();
        txt_hargapcs = new javax.swing.JTextField();
        jLabel9 = new javax.swing.JLabel();
```

```java
        jLabel10 = new javax.swing.JLabel();
        sp_jumlahporsi = new javax.swing.JTextField();
        jLabel11 = new javax.swing.JLabel();
        txt_ongkoskirim = new javax.swing.JTextField();
        jLabel12 = new javax.swing.JLabel();
        txt_totalharga = new javax.swing.JTextField();
        jLabel13 = new javax.swing.JLabel();
        txt_uangmuka = new javax.swing.JTextField();
        jLabel14 = new javax.swing.JLabel();
        txt_sisapembayaran            =            new
javax.swing.JTextField();
        jPanel5 = new javax.swing.JPanel();
        btn_input = new javax.swing.JButton();
        btn_save = new javax.swing.JButton();
        btn_edit = new javax.swing.JButton();
        btn_cancel = new javax.swing.JButton();
        btn_clear = new javax.swing.JButton();
        btn_delete = new javax.swing.JButton();
        jPanel3 = new javax.swing.JPanel();
        jLabel15 = new javax.swing.JLabel();
        txt_admin = new javax.swing.JTextField();
        btn_admin_add = new javax.swing.JButton();
        btn_admin_save = new javax.swing.JButton();
        btn_admin_delete = new javax.swing.JButton();
        jLabel16 = new javax.swing.JLabel();
        cb_admin = new javax.swing.JComboBox<>();
        jScrollPane2 = new javax.swing.JScrollPane();
        tabel = new javax.swing.JTable();
        btn_eksportobook = new javax.swing.JButton();
        btn_eksporagreement            =            new
javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstan
ts.EXIT_ON_CLOSE);
        setUndecorated(true);

        jPanel1.setBackground(new      java.awt.Color(30,
130, 76));

        jLabel2.setFont(new   java.awt.Font("Brush  Script
MT", 0, 25)); // NOI18N
        jLabel2.setForeground(new     java.awt.Color(255,
255, 255));
        jLabel2.setText(" Aplikasi Pembukuan Katering");

        jLabel19.setFont(new java.awt.Font("Tahoma", 1,
11)); // NOI18N
        jLabel19.setForeground(new    java.awt.Color(255,
255, 255));
        jLabel19.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Back_16px.png")); // NOI18N
        jLabel19.setText("BACK");
        jLabel19.addMouseListener(new
java.awt.event.MouseAdapter() {
            public                                   void
mouseClicked(java.awt.event.MouseEvent evt) {
                jLabel19MouseClicked(evt);
            }
        });

        jLabel18.setBackground(new   java.awt.Color(204,
0, 0));
        jLabel18.setFont(new    java.awt.Font("Arial",   1,
18)); // NOI18N
        jLabel18.setForeground(new    java.awt.Color(255,
255, 255));

        jLabel18.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Delete_16px.png")); // NOI18N
        jLabel18.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        jLabel18.addMouseListener(new
java.awt.event.MouseAdapter() {
            public                                   void
mouseClicked(java.awt.event.MouseEvent evt) {
                jLabel18MouseClicked(evt);
            }
        });

        jLabel20.setFont(new java.awt.Font("Tahoma", 1,
18)); // NOI18N
        jLabel20.setForeground(new    java.awt.Color(255,
255, 255));
        jLabel20.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Subtract_16px.png")); // NOI18N
        jLabel20.setAlignmentY(0.0F);
        jLabel20.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        jLabel20.addMouseListener(new
java.awt.event.MouseAdapter() {
            public                                   void
mouseClicked(java.awt.event.MouseEvent evt) {
                jLabel20MouseClicked(evt);
            }
        });

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED, 798, Short.MAX_VALUE)
                .addComponent(jLabel19)
                .addGap(18, 18, 18)
                .addComponent(jLabel20,
javax.swing.GroupLayout.PREFERRED_SIZE,        17,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jLabel18)
                .addContainerGap())
        );
        jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
            .addComponent(jLabel2,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE,        47,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.LEADING)
```

```java
            .addComponent(jLabel19,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addComponent(jLabel18,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addComponent(jLabel20,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addContainerGap())
    );


jScrollPane3.setHorizontalScrollBarPolicy(javax.swing.
ScrollPaneConstants.HORIZONTAL_SCROLLBAR_N
EVER);

jScrollPane3.setVerticalScrollBarPolicy(javax.swing.Sc
rollPaneConstants.VERTICAL_SCROLLBAR_ALWA
YS);

    jPanel2.setBackground(new java.awt.Color(51, 51,
51));

    jLabel3.setFont(new  java.awt.Font("Calibri",  0,
12)); // NOI18N
    jLabel3.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel3.setText("Pemesan");

    txt_pemesan.addActionListener(new
java.awt.event.ActionListener() {
        public                           void
actionPerformed(java.awt.event.ActionEvent evt) {
            txt_pemesanActionPerformed(evt);
        }
    });

    jLabel17.setFont(new  java.awt.Font("Calibri",  0,
12)); // NOI18N
    jLabel17.setForeground(new   java.awt.Color(255,
255, 255));
    jLabel17.setText("No. Handphone");

    txt_noHP.addActionListener(new
java.awt.event.ActionListener() {
        public                           void
actionPerformed(java.awt.event.ActionEvent evt) {
            txt_noHPActionPerformed(evt);
        }
    });
    txt_noHP.addKeyListener(new
java.awt.event.KeyAdapter() {
        public                           void
keyPressed(java.awt.event.KeyEvent evt) {
            txt_noHPKeyPressed(evt);
        }
        public                           void
keyReleased(java.awt.event.KeyEvent evt) {
            txt_noHPKeyReleased(evt);
        }
        public void keyTyped(java.awt.event.KeyEvent
evt) {
            txt_noHPKeyTyped(evt);
        }
    });

    jLabel4.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel4.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel4.setText("Tanggal Pesan");

    dc_tanggalpesan.setToolTipText("Pilih    Tanggal
Pengiriman");

    jLabel5.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel5.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel5.setText("Tanggal Antar");

    dc_tanggalantar.setToolTipText("Pilih    Tanggal
Pengiriman");

    jLabel6.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel6.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel6.setText("Alamat");

    txt_alamat.setColumns(20);
    txt_alamat.setLineWrap(true);
    txt_alamat.setRows(5);
    txt_alamat.setWrapStyleWord(true);
    jScrollPane1.setViewportView(txt_alamat);

    jLabel7.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel7.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel7.setText("Jam Antar");

    sp_jamantar.setModel(new
javax.swing.SpinnerListModel(new  String[]  {"06:00",
"06:15", "07:00", "08:00", "09:00", "10:00", "11:00",
"12:00", "13:00", "14:00", "15:00", "16:00", "17:00",
"18:00", "19:00", "20:00", "21:00", "22:00", "23:00",
"00:00", "01:00", "02:00", "03:00", "04:00", "05:00"}));
    sp_jamantar.setToolTipText("Jam Pengiriman");

    jLabel8.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel8.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel8.setText("Paket");

    cb_paket.setModel(new
javax.swing.DefaultComboBoxModel<>(new String[] {
"Paket A", "Paket B", "Paket C", "Paket D" }));
    cb_paket.addActionListener(new
java.awt.event.ActionListener() {
        public                           void
actionPerformed(java.awt.event.ActionEvent evt) {
            cb_paketActionPerformed(evt);
        }
    });

    txt_hargapcs.addKeyListener(new
java.awt.event.KeyAdapter() {
        public                           void
keyPressed(java.awt.event.KeyEvent evt) {
            txt_hargapcsKeyPressed(evt);
        }
```

```java
        public                          void
keyReleased(java.awt.event.KeyEvent evt) {
            txt_hargapcsKeyReleased(evt);
        }
        public void keyTyped(java.awt.event.KeyEvent
evt) {
            txt_hargapcsKeyTyped(evt);
        }
    });

    jLabel9.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel9.setForeground(new     java.awt.Color(255,
255, 255));
    jLabel9.setText("Harga/pcs");

    jLabel10.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel10.setForeground(new   java.awt.Color(255,
255, 255));
    jLabel10.setText("Jumlah Porsi");

    sp_jumlahporsi.addKeyListener(new
java.awt.event.KeyAdapter() {
        public                          void
keyPressed(java.awt.event.KeyEvent evt) {
            sp_jumlahporsiKeyPressed(evt);
        }
        public                          void
keyReleased(java.awt.event.KeyEvent evt) {
            sp_jumlahporsiKeyReleased(evt);
        }
        public void keyTyped(java.awt.event.KeyEvent
evt) {
            sp_jumlahporsiKeyTyped(evt);
        }
    });

    jLabel11.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel11.setForeground(new   java.awt.Color(255,
255, 255));
    jLabel11.setText("Ongkos Kirim");

    txt_ongkoskirim.addActionListener(new
java.awt.event.ActionListener() {
        public                          void
actionPerformed(java.awt.event.ActionEvent evt) {
            txt_ongkoskirimActionPerformed(evt);
        }
    });
    txt_ongkoskirim.addKeyListener(new
java.awt.event.KeyAdapter() {
        public                          void
keyPressed(java.awt.event.KeyEvent evt) {
            txt_ongkoskirimKeyPressed(evt);
        }
        public                          void
keyReleased(java.awt.event.KeyEvent evt) {
            txt_ongkoskirimKeyReleased(evt);
        }
        public void keyTyped(java.awt.event.KeyEvent
evt) {
            txt_ongkoskirimKeyTyped(evt);
        }
    });

    jLabel12.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N

    jLabel12.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel12.setText("Total Harga");

    jLabel13.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel13.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel13.setText("Uang Muka");

    txt_uangmuka.addKeyListener(new
java.awt.event.KeyAdapter() {
        public                          void
keyPressed(java.awt.event.KeyEvent evt) {
            txt_uangmukaKeyPressed(evt);
        }
        public                          void
keyReleased(java.awt.event.KeyEvent evt) {
            txt_uangmukaKeyReleased(evt);
        }
        public void keyTyped(java.awt.event.KeyEvent
evt) {
            txt_uangmukaKeyTyped(evt);
        }
    });

    jLabel14.setFont(new   java.awt.Font("Calibri",   0,
12)); // NOI18N
    jLabel14.setForeground(new    java.awt.Color(255,
255, 255));
    jLabel14.setText("Sisa Pembayaran");

    jPanel5.setBackground(new java.awt.Color(51, 51,
51));

    btn_input.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Plus_20px.png")); // NOI18N
    btn_input.setText("Input");
    btn_input.setToolTipText("Masukkan Data");
    btn_input.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
    btn_input.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
    btn_input.addActionListener(new
java.awt.event.ActionListener() {
        public                          void
actionPerformed(java.awt.event.ActionEvent evt) {
            btn_inputActionPerformed(evt);
        }
    });

    btn_save.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Checked_Checkbox_20px.png")); // NOI18N
    btn_save.setText("Save");
    btn_save.setToolTipText("Simpan Data");
    btn_save.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
    btn_save.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
    btn_save.addActionListener(new
java.awt.event.ActionListener() {
        public                          void
actionPerformed(java.awt.event.ActionEvent evt) {
            btn_saveActionPerformed(evt);
        }
```

```java
        });

        btn_edit.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Edit_Property_20px.png")); // NOI18N
        btn_edit.setText("Edit");
        btn_edit.setToolTipText("Ubah Data");
        btn_edit.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        btn_edit.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        btn_edit.addActionListener(new
java.awt.event.ActionListener() {
            public                     void
actionPerformed(java.awt.event.ActionEvent evt) {
                btn_editActionPerformed(evt);
            }
        });

        btn_cancel.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Cancel_20px_1.png")); // NOI18N
        btn_cancel.setText("Cancel");
        btn_cancel.setToolTipText("Simpan Data");
        btn_cancel.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        btn_cancel.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        btn_cancel.addActionListener(new
java.awt.event.ActionListener() {
            public                     void
actionPerformed(java.awt.event.ActionEvent evt) {
                btn_cancelActionPerformed(evt);
            }
        });

        btn_clear.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Erase_20px.png")); // NOI18N
        btn_clear.setText("Clear");
        btn_clear.setToolTipText("Hapus data");
        btn_clear.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        btn_clear.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        btn_clear.addActionListener(new
java.awt.event.ActionListener() {
            public                     void
actionPerformed(java.awt.event.ActionEvent evt) {
                btn_clearActionPerformed(evt);
            }
        });

        btn_delete.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Remove_20px.png")); // NOI18N
        btn_delete.setText("Delete");
        btn_delete.setToolTipText("Hapus data");
        btn_delete.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        btn_delete.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        btn_delete.addActionListener(new
java.awt.event.ActionListener() {
            public                     void
actionPerformed(java.awt.event.ActionEvent evt) {
                btn_deleteActionPerformed(evt);
            }
        });
```

Lampiran 3 Kode Program Menu Manager

```java
public class HPPKonsumsi extends javax.swing.JFrame
{

    String username = "";
    String password = "";
    String email = "";
    JDBC sqlite = new JDBC();

    String getUsername(){
        return username;
    }
    public void setUsername(String a){
        username = a;
    }
    String getPassword(){
        return password;
    }
    void setPassword(String a){
        password = a;
    }
    String getEmail(){
        return email;
    }
    void setEmail(String a){
        email = a;
    }

    /**
     * Creates new form HPPKonsumsi
     */
    public HPPKonsumsi() {
        initComponents();
        txt_harga.setEnabled(false);
        txt_harga1.setEnabled(false);
        btn_simpan.setEnabled(false);
        btn_del_NEW.setEnabled(false);
        btn_cancel.setEnabled(false);

        //cb_kode_NEW.setEnabled(false);
        btn_del_NEW.setEnabled(false);
        btn_cancel_NEW.setEnabled(false);
        btn_add_NEW.setEnabled(false);
        //txt_jenis1_NEW.setEnabled(false);
        txt_jenis2_NEW.setEnabled(false);
        txt_harga_NEW.setEnabled(false);
        txt_harga1_NEW.setEnabled(false);

        //cb_jenis1.removeAllItems();
        cb_jenis2.removeAllItems();
        setHPP();

        txt_username.setEnabled(false);
        txt_password.setEnabled(false);
        txt_email.setEnabled(false);
        btn_simpanuser.setEnabled(false);
        txt_username.setText(getUsername());
        txt_email.setText(getEmail());

        lampu1.setVisible(false);
```

```java
        lampu2.setVisible(false);
        lampu3.setVisible(false);

        jLabel14.setVisible(true);
    }

private                                    void
jLabel6MouseClicked(java.awt.event.MouseEvent  evt)
{
        this.setVisible(false);

        HomeKonsumsi home = new HomeKonsumsi();
        home.setVisible(true);
    }

    private                                void
jLabel13MouseClicked(java.awt.event.MouseEvent
evt) {
        txt_username.setEnabled(true);
        txt_email.setEnabled(true);
        txt_password.setText(getPassword());
        txt_password.setEnabled(true);
        btn_simpanuser.setEnabled(true);
        jLabel13.setEnabled(false);
        btn_simpanuser.setEnabled(true);
        lampu1.setVisible(true);
        txt_username.requestFocus();
    }

    private                                void
txt_emailKeyPressed(java.awt.event.KeyEvent evt) {
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            btn_simpanuser.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_DOWN)
// kalo tekan enter
        {
            btn_simpanuser.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_UP) //
kalo tekan enter
        {
            txt_password.requestFocus();
        }
    }

    private                                void
btn_simpanuserActionPerformed(java.awt.event.Action
Event evt) {
        saveUser();
    }

    private                                void
btn_simpanuserKeyPressed(java.awt.event.KeyEvent
evt) {
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            saveUser();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_UP) //
kalo tekan enter
        {
            txt_email.requestFocus();
        }
    }

    private                                void
txt_usernameKeyPressed(java.awt.event.KeyEvent  evt)
{
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            txt_password.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_DOWN)
// kalo tekan enter
        {
            txt_password.requestFocus();
        }
    }

    private                                void
txt_passwordKeyPressed(java.awt.event.KeyEvent  evt)
{
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            txt_email.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_DOWN)
// kalo tekan enter
        {
            txt_email.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_UP) //
kalo tekan enter
        {
            txt_username.requestFocus();
        }
    }

    private                                void
btn_cancelActionPerformed(java.awt.event.ActionEven
t evt) {
        btn_simpan.setEnabled(false);
        btn_del_NEW.setEnabled(false);
        btn_edit.setEnabled(true);
        btn_cancel.setEnabled(false);
        lampu2.setVisible(false);
        txt_harga.setEnabled(false);
        txt_harga1.setEnabled(false);

    }

    private                                void
btn_cancelKeyPressed(java.awt.event.KeyEvent evt) {
        if ( evt.getKeyCode() == KeyEvent.VK_UP &&
txt_harga.isEnabled() == true) // kalo tekan enter
        {
            txt_harga.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_LEFT) //
kalo tekan enter
        {
            btn_del_NEW.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            txt_harga.setEnabled(false);
            txt_harga1.setEnabled(false);
            btn_simpan.setEnabled(false);
            btn_del_NEW.setEnabled(false);
            btn_edit.setEnabled(true);
            btn_cancel.setEnabled(false);
```

```java
            lampu2.setVisible(false);
        }
    }

    private                               void
btn_simpanActionPerformed(java.awt.event.ActionEve
nt evt) {
        saveUbahItem();
    }

    private                               void
btn_simpanKeyPressed(java.awt.event.KeyEvent evt) {
        if ( evt.getKeyCode() == KeyEvent.VK_UP &&
txt_harga.isEnabled() == true) // kalo tekan enter
        {
            txt_harga.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_RIGHT)
// kalo tekan enter
        {
            btn_del_NEW.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            saveUbahItem();
        }
    }

    private                               void
btn_del_NEWActionPerformed(java.awt.event.ActionE
vent evt) {
        delUbahItem();
    }

    private                               void
btn_del_NEWKeyPressed(java.awt.event.KeyEvent
evt) {
        if ( evt.getKeyCode() == KeyEvent.VK_UP &&
txt_harga.isEnabled() == true) // kalo tekan enter
        {
            txt_harga.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_LEFT) //
kalo tekan enter
        {
            btn_simpan.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            delUbahItem();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_RIGHT)
// kalo tekan enter
        {
            btn_cancel.requestFocus();
        }
    }

    private                               void
cb_jenis2ActionPerformed(java.awt.event.ActionEvent
evt) {
        //ambil pilihan
        String kode = "KSM";
        String jenis1 = "Box";
        String                jenis2               =
(String)cb_jenis2.getSelectedItem();
        int harga = 0;
```

```java
        int panjangdata = 0, min_panjangdata = 0;
        Object[][] data = null;
        int x =0, y = 0;

        try {
            //source code baru
            //get for dinamic data

            ResultSet getMaxData = sqlite.getData("select *
from Paket;");
            while(getMaxData.next()){
                x++;
            }
            getMaxData.close();
            //JOptionPane.showMessageDialog(rootPane, "x
adalah" + x);
            panjangdata = x;
            min_panjangdata = x;
            ResultSet  rsetDinamic = sqlite.getData("select
Harga_Produksi,  Harga_Jual  from  Paket  where
Paket='"+jenis2+"';");
            data = new Object[x][2]
            y = x;  //untuk mengurangi jumlah x
            //JOptionPane.showMessageDialog(rootPane, "y
adalah" + y);
            while(rsetDinamic.next()){
                data[x-y][0] = rsetDinamic.getString(1);
                data[x-y][1] = rsetDinamic.getString(2);
                y = y-1;
            }
            rsetDinamic.close();

        } catch (Exception ex) {
            //JOptionPane.showMessageDialog(rootPane,
"Gagal  memuat  data  "+ex+"\nHubungi  pihak
Administrator");
        }

        //tentukan harga sesuai pilihan paket yang dipilih
        //remove dan add item di combo box dan textfield
        try{
            switch(kode){
                case "KSM":
                    //masukkan harga
                    txt_harga.setText(data[0][0].toString());
                    txt_harga1.setText(data[0][1].toString());
                    break;
                case "KVK":
                    //masukkan harga
                    txt_harga.setText(data[0][0].toString());
                    break;
                default:

JOptionPane.showMessageDialog(rootPane, "gagal");
                    break;
            }
        }catch(Exception e){

//JOptionPane.showMessageDialog(rootPane,"Gagal
memuat    data    " +kode+"\nHubungi    pihak
Administrator");
        }
    }

    private                                  void
cb_jenis2KeyPressed(java.awt.event.KeyEvent evt) {
        if       (       evt.getKeyCode()       ==
KeyEvent.VK_BACK_SPACE) // kalo tekan enter
        {
```

```java
        //cb_jenis1.requestFocus();
    }
    if ( evt.getKeyCode() == KeyEvent.VK_ENTER
&& txt_harga.isEnabled() == true) // kalo tekan enter
    {
        txt_harga.requestFocus();
    }
}

private                                          void
txt_hargaKeyPressed(java.awt.event.KeyEvent evt) {
    if ( evt.getKeyCode() == KeyEvent.VK_UP) //
kalo tekan enter
    {
        cb_jenis2.requestFocus();
    }
    if ( evt.getKeyCode() == KeyEvent.VK_DOWN)
// kalo tekan enter
    {
        btn_simpan.requestFocus();
    }
    if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
    {
        btn_simpan.requestFocus();
    }
}

private                                          void
txt_hargaKeyReleased(java.awt.event.KeyEvent evt) {
    String             input             =
txt_harga.getText().toLowerCase().toString();
    checkList = 0;
    try{
        if(input.matches("[a-zA-Z_]+")){
            JOptionPane.showMessageDialog(rootPane,
"hanya angka yang boleh di inputkan");
            txt_harga.setText("");
        }else if(!txt_harga.getText().equals("")){
            checkList                         =
Double.valueOf(txt_harga.getText().toString().toString(
));
        }
    }catch(Exception ex){
        JOptionPane.showMessageDialog(rootPane,
"Harga tidak boleh mengandung huruf : " + input +
".\nMasukkan input lagi\n");
        txt_harga.setText("");
    }
}

private                                          void
txt_hargaKeyTyped(java.awt.event.KeyEvent evt) {
    String             input             =
txt_harga.getText().toLowerCase().toString();
    checkList = 0;
    try{
        if(input.matches("[a-zA-Z_]+")){
            JOptionPane.showMessageDialog(rootPane,
"hanya angka yang boleh di inputkan");
            txt_harga.setText("");
        }else if(!txt_harga.getText().equals("")){
            checkList                         =
Double.valueOf(txt_harga.getText().toString().toString(
));
        }
    }catch(Exception ex){
```

```java
        JOptionPane.showMessageDialog(rootPane,
"Harga tidak boleh mengandung huruf : " + input +
".\nMasukkan input lagi\n");
        txt_harga.setText("");
    }
}

private                                          void
btn_editActionPerformed(java.awt.event.ActionEvent
evt) {
    txt_harga.setEnabled(true);
    txt_harga1.setEnabled(true);
    btn_simpan.setEnabled(true);
    btn_del_NEW.setEnabled(true);
    btn_edit.setEnabled(false);
    btn_cancel.setEnabled(true);

    lampu2.setVisible(true);
}

private                                          void
btn_cancel_NEWActionPerformed(java.awt.event.Acti
onEvent evt) {
    //new item
    //cb_kode_NEW.setEnabled(false);
    //txt_jenis1_NEW.setEnabled(false);
    btn_cancel_NEW.setEnabled(false);
    btn_add_NEW.setEnabled(false);
    txt_jenis2_NEW.setEnabled(false);
    txt_harga_NEW.setEnabled(false);
    txt_harga1_NEW.setEnabled(false);
    lampu3.setVisible(false);

    //last item
    //cb_kode.setEnabled(true);
    //cb_jenis1.setEnabled(true);
    cb_jenis2.setEnabled(true);
    txt_harga.setEnabled(false);
    txt_harga1.setEnabled(false);
    jLabel14.setEnabled(true);
    btn_edit.setEnabled(true);
}

private                                          void
btn_cancel_NEWKeyPressed(java.awt.event.KeyEvent
evt) {

}

private                                          void
btn_add_NEWActionPerformed(java.awt.event.Action
Event evt) {
    if(txt_jenis2_NEW.getText().equals("")){
        JOptionPane.showMessageDialog(rootPane,
"Mohon diisi semua kotak");
    }else{
        saveNewItem();
    }
}

private                                          void
btn_add_NEWKeyPressed(java.awt.event.KeyEvent
evt) {

}

private                                          void
txt_harga_NEWKeyPressed(java.awt.event.KeyEvent
evt) {
```

```java
    }

    private                                    void
txt_harga_NEWKeyReleased(java.awt.event.KeyEvent
evt) {

    }

    private                                    void
txt_harga_NEWKeyTyped(java.awt.event.KeyEvent
evt) {

    }

    private                                    void
jLabel7MouseClicked(java.awt.event.MouseEvent   evt)
{
        System.exit(0);
    }

    private                                    void
jLabel12MouseClicked(java.awt.event.MouseEvent
evt) {
        this.setState(JFrame.ICONIFIED);
    }

    private                                    void
jLabel14MouseClicked(java.awt.event.MouseEvent
evt) {
        //new item
        //cb_kode_NEW.setEnabled(true);
        //txt_jenis1_NEW.setEnabled(true);
        btn_cancel_NEW.setEnabled(true);
        btn_add_NEW.setEnabled(true);
        txt_jenis2_NEW.setEnabled(true);
        txt_harga_NEW.setEnabled(true);
        txt_harga1_NEW.setEnabled(true);
        lampu3.setVisible(true);
        jLabel14.setEnabled(false);

        //last item
        //cb_kode.setEnabled(false);
        //cb_jenis1.setEnabled(false);
        cb_jenis2.setEnabled(false);
        txt_harga.setEnabled(false);
        txt_harga1.setEnabled(false);
        btn_del_NEW.setEnabled(false);
        btn_edit.setEnabled(false);
        btn_simpan.setEnabled(false);
        lampu2.setVisible(false);
        btn_cancel.setEnabled(false);
        txt_jenis2_NEW.requestFocus();
    }

    private                                    void
txt_harga1KeyPressed(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
    }

    private                                    void
txt_harga1KeyReleased(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
    }

    private                                    void
txt_harga1KeyTyped(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
    }

    private                                    void
txt_harga1_NEWKeyPressed(java.awt.event.KeyEvent
evt) {
        // TODO add your handling code here:
    }

    private                                    void
txt_harga1_NEWKeyReleased(java.awt.event.KeyEven
t evt) {
        // TODO add your handling code here:
    }

    private                                    void
txt_harga1_NEWKeyTyped(java.awt.event.KeyEvent
evt) {
        // TODO add your handling code here:
    }

    double checkList = 0;
    //simpan ubah item
    private void saveUbahItem(){
        try{
            String            paket            =
(String)cb_jenis2.getSelectedItem();

            sqlite.putData("update       Paket     set
Harga_Produksi="+txt_harga.getText()+",
Harga_Jual="+txt_harga1.getText()+"         where
Paket='"+paket+"';");

            txt_harga.setEnabled(false);
            txt_harga1.setEnabled(false);
            btn_simpan.setEnabled(false);
            btn_del_NEW.setEnabled(false);
            btn_edit.setEnabled(true);
            lampu2.setVisible(false);
            btn_cancel.setEnabled(false);
        }catch(Exception ex){
            JOptionPane.showMessageDialog(rootPane,
"Gagal menyimpan data");
        }
    }

    //hapus data item
    private void delUbahItem(){
        //get data
        String            paket            =
String.valueOf(cb_jenis2.getSelectedItem());

        int            dialogResult            =
JOptionPane.showConfirmDialog (rootPane, "Apakah
data            ingin            dihapus
?","Konfirmasi",JOptionPane.YES_NO_OPTION);
        if(dialogResult == JOptionPane.YES_OPTION){
            try{
                sqlite.putData("delete    from    Paket    where
Paket='"+paket+"';");
                revalidate();
                repaint();
                //cb_kode.setSelectedIndex(0);
                //cb_jenis1.removeAllItems();
                cb_jenis2.removeAllItems();
                txt_harga.setText("0");
                txt_harga1.setText("0");
                getAndsetDataforHPP();
                JOptionPane.showMessageDialog(rootPane,
"Data berhasil dihapus");
```

```java
                txt_harga.setEnabled(false);
                txt_harga1.setEnabled(false);
                btn_simpan.setEnabled(false);
                btn_del_NEW.setEnabled(false);
                btn_edit.setEnabled(true);
                lampu2.setVisible(false);
                btn_cancel.setEnabled(false);
                cb_jenis2.setEnabled(true);
                //cb_jenis1.setEnabled(true);
            }catch(Exception ex){
                JOptionPane.showMessageDialog(rootPane,
"Gagal menghapus data");
            }
        }
    }

    //simpan data user
    private void saveUser(){
        try{
            sqlite.putData("update      Manager      set
Username='"+txt_username.getText()+"',
Password='"+txt_password.getText()+"',
Email='"+txt_email.getText()+"'                    where
Username='"+getUsername()+"';");
            setUsername(txt_username.getText());
            setPassword(txt_password.getText());
            setEmail(txt_email.getText());
            txt_username.setEnabled(false);
            txt_password.setEnabled(false);
            txt_password.setText("*******");
            btn_simpanuser.setEnabled(false);
            jLabel13.setEnabled(true);
            txt_email.setEnabled(false);
            btn_simpanuser.setEnabled(false);
            lampu1.setVisible(false);
        }catch(Exception ex){
            JOptionPane.showMessageDialog(rootPane,
"Gagal menyimpan data user");
        }
    }

    //simpan data item baru
    private void saveNewItem(){
        //get data
        int new_id = getGreaterofID() + 1;
        String            new_paket            =
String.valueOf(txt_jenis2_NEW.getText());
        int new_harga = 0;
        int new_harga1 = 0;
        if(txt_harga_NEW.getText().equals("")      &&
txt_harga1_NEW.getText().equals("")){
            new_harga = 0;
            new_harga1 = 0;
        }else{
            new_harga                          =
Integer.parseInt(txt_harga_NEW.getText());
            new_harga1                         =
Integer.parseInt(txt_harga1_NEW.getText());
        }

        int               dialogResult           =
JOptionPane.showConfirmDialog (rootPane, "Apakah
data                sudah                benar
?","Konfirmasi",JOptionPane.YES_NO_OPTION);
        if(dialogResult == JOptionPane.YES_OPTION){
            try{
                sqlite.putData("insert into Paket (Kode_Paket,
Paket,   Harga_Produksi,   Harga_Jual)   values
("+new_id+",'"+new_paket+"',"+new_harga+","+new_h
arga1+");");
                revalidate();
                repaint();
                //cb_kode.setSelectedIndex(0);
                //cb_jenis1.removeAllItems();
                cb_jenis2.removeAllItems();
                txt_harga.setText("0");
                txt_harga1.setText("0");
                getAndsetDataforHPP();
                JOptionPane.showMessageDialog(rootPane,
"Data berhasil disimpan");
                clear_new_item();
                setHPP();
                //new item
                //cb_kode_NEW.setEnabled(false);
                //txt_jenis1_NEW.setEnabled(false);
                btn_cancel_NEW.setEnabled(false);
                btn_add_NEW.setEnabled(false);
                txt_jenis2_NEW.setEnabled(false);
                txt_harga_NEW.setEnabled(false);
                txt_harga1_NEW.setEnabled(false);
                lampu3.setVisible(false);

                //last item
                //cb_kode.setEnabled(true);
                //cb_jenis1.setEnabled(true);
                cb_jenis2.setEnabled(true);
                txt_harga.setEnabled(false);
                txt_harga1.setEnabled(false);
                jLabel14.setEnabled(true);
                btn_edit.setEnabled(true);
            }catch(Exception ex){
                JOptionPane.showMessageDialog(rootPane,
"Menyimpan data gagal");
            }
        }
    }

    private void setHPP(){
        try {
            ResultSet rset = sqlite.getData("select * from
Manager;");
            setUsername(rset.getString(2));
            setPassword(rset.getString(3));
            setEmail(rset.getString(4));
            rset.close();
        } catch (Exception ex) {

        }
        //ambil pilihan
        String kode = "KSM";
        String jenis1 = "Box";

        int panjangdata = 0, min_panjangdata = 0;
        Object[][] data = null;
        int x =0, y = 0;

        try {
            //source code baru
            //get for dinamic data

            ResultSet getMaxData = sqlite.getData("select *
from Paket;");
            while(getMaxData.next()){
                x++;
            }
            getMaxData.close();
```

```java
        //JOptionPane.showMessageDialog(rootPane, "x
adalah" + x);
        panjangdata = x;
        min_panjangdata = x;
        ResultSet rsetDinamic = sqlite.getData("select
Paket, Harga_Produksi, Harga_Jual from Paket;");
        data = new Object[x][3];
        y = x;  //untuk mengurangi jumlah x
        //JOptionPane.showMessageDialog(rootPane, "y
adalah" + y);
        while(rsetDinamic.next()){
          data[x-y][0] = rsetDinamic.getString(1);
          data[x-y][1] = rsetDinamic.getString(2);
          data[x-y][2] = rsetDinamic.getString(3);
          y = y-1;
        }
        rsetDinamic.close();

    } catch (Exception ex) {
        JOptionPane.showMessageDialog(rootPane,
"Gagal  memuat  data  1  "+ex+"\nHubungi  pihak
Administrator");
    }

    //tentukan harga sesuai pilihan paket yang dipilih
    //remove dan add item di combo box dan textfield
    try{
        switch(kode){
          case "KSM":
              //remove semua item di combo box
              cb_jenis2.removeAllItems();

              //masukkan item ke combo box sesuai data
dari database
              while(min_panjangdata > 0){
                  //get mode combo box yg sudah saat
setelah diremove dan saat sedang added new item
(loop)
                  DefaultComboBoxModel   model2   =
(DefaultComboBoxModel)cb_jenis2.getModel();

                  //check jika ada item yg sama
                  if(model2.getIndexOf(data[panjangdata-
min_panjangdata][0].toString()) == -1){
                      cb_jenis2.addItem(data[panjangdata-
min_panjangdata][0].toString());
                  }
                  min_panjangdata = min_panjangdata - 1;
              }

              //masukkan harga

if(cb_jenis2.getSelectedItem().equals(data[0][0])){
                  txt_harga.setText(data[0][1].toString());
                  txt_harga1.setText(data[0][2].toString());
              }
              break;
          case "KVK":
              //remove semua item di combo box
              cb_jenis2.removeAllItems();

              //masukkan item ke combo box sesuai data
dari database
              while(min_panjangdata > 0){
                  //get mode combo box yg sudah saat
setelah diremove dan saat sedang added new item
(loop)
                  DefaultComboBoxModel   model2   =
(DefaultComboBoxModel)cb_jenis2.getModel();

              //check jika ada item yg sama
              if(model2.getIndexOf(data[panjangdata-
min_panjangdata][0].toString()) == -1){
                  cb_jenis2.addItem(data[panjangdata-
min_panjangdata][0].toString());
              }
              min_panjangdata = min_panjangdata - 1;
          }

          //masukkan harga

if(cb_jenis2.getSelectedItem().equals(data[0][0])){
              txt_harga.setText(data[0][1].toString());
          }
          break;
        default:

JOptionPane.showMessageDialog(rootPane, "gagal");
          break;
      }
    }catch(Exception e){

JOptionPane.showMessageDialog(rootPane,"Gagal
memuat  data  2  "  +kode+"\nHubungi  pihak
Administrator");
    }
  }

  //get semua data dari database hargaproduk ke array
data[][] dan kemudian menambah item ke combo box
jenis1 dan jenis2
  private void getAndsetDataforHPP(){
    try {

      //source code baru
      //get for dinamic data
      int x =0;
      ResultSet getMaxData = sqlite.getData("select *
from Paket;");
      while(getMaxData.next()){
        x++;
      }
      getMaxData.close();

      //x berjumlah 17
      //4 adalah panjang variable ke kanan dimulai
dari 0
      ResultSet rsetDinamic = sqlite.getData("select *
from Paket;");
      Object[][] data = new Object[x][4]; //[16][4]
      int y = x;  //untuk mengurangi jumlah x
      while(rsetDinamic.next()){
        data[x-y][0]  =  rsetDinamic.getString(1);
//kode paket
        data[x-y][1]  =  rsetDinamic.getString(2);
//paket
        data[x-y][2]  =  rsetDinamic.getString(3);
//harga produksi
        data[x-y][3]  =  rsetDinamic.getString(4);
//harga jual
        y = y-1;
      }

      rsetDinamic.close();
      y = x;
      while(y > 0){
        //DefaultComboBoxModel    model1    =
(DefaultComboBoxModel)cb_jenis1.getModel();
```

```java
        DefaultComboBoxModel    model2    =
(DefaultComboBoxModel)cb_jenis2.getModel();

        //check jika ada item yg sama
        //if(model1.getIndexOf(data[x-
y][2].toString()) == -1){
            //cb_jenis1.addItem(data[x-
y][2].toString());
        //}
        if(model2.getIndexOf(data[x-y][2].toString())
== -1){
            cb_jenis2.addItem(data[x-y][1].toString());
        }
        y--;
    }
    //cb_jenis1.setSelectedIndex(0);
    cb_jenis2.setSelectedIndex(0);
} catch (Exception ex) {
    JOptionPane.showMessageDialog(rootPane,
"Gagal      memuat      harga      \nHubungi      pihak
Administrator");
    }
  }

  //clear
  private void clear_new_item(){
    //cb_kode_NEW.setSelectedItem(0);
    //txt_jenis1_NEW.setText("");
    //txt_jenis2_NEW.setText("");
    txt_harga_NEW.setText("");
  }

  //get id paling tertinggi di database
  private int getGreaterofID(){
    int id = 0;
    try{
        ResultSet    rset    =    sqlite.getData("select
Kode_Paket from Paket order by Kode_Paket desc limit
1;");
        while(rset.next()){
            id = Integer.parseInt(rset.getString(1));
        }
    }catch(Exception ex){
        JOptionPane.showMessageDialog(rootPane,
"Memuat Data Gagal");
    }
    return id;
  }

  /**
   * @param args the command line arguments
   */
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold    defaultstate="collapsed"    desc="
Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not
available, stay with the default look and feel.
     *    For    details    see
http://download.oracle.com/javase/tutorial/uiswing/look
andfeel/plaf.html
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo
info                                                  :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Windows".equals(info.getName())) {
```

```java
javax.swing.UIManager.setLookAndFeel(info.getClass
Name());
            break;
        }
    }
} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(HPPKonsumsi.class
.getName()).log(java.util.logging.Level.SEVERE,  null,
ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(HPPKonsumsi.class
.getName()).log(java.util.logging.Level.SEVERE,  null,
ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(HPPKonsumsi.class
.getName()).log(java.util.logging.Level.SEVERE,  null,
ex);
    }                                              catch
(javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(HPPKonsumsi.class
.getName()).log(java.util.logging.Level.SEVERE,  null,
ex);
    }
    //</editor-fold>
    //</editor-fold>
    //</editor-fold>
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new  Runnable()
{
        public void run() {
            new HPPKonsumsi().setVisible(true);
        }
    });
  }
```

Lampiran 4 Kode Program Menu Manager

```java
public      class      LoginKonsumsi      extends
javax.swing.JFrame {

  /**
   * Creates new form LoginKonsumsi
   */

  JDBC sqlite = new JDBC();

  public LoginKonsumsi() {
    this.setUndecorated(true);
    initComponents();
  }

  /**
   * This method is called from within the constructor
to initialize the form.
   * WARNING: Do NOT modify this code. The
content of this method is always
   * regenerated by the Form Editor.
   */
  @SuppressWarnings("unchecked")
```

```
//          <editor-fold          defaultstate="collapsed"
desc="Generated Code">
  private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    btn_cancel = new javax.swing.JButton();
    wwbel3 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    txt_username = new javax.swing.JTextField();
    btn_login = new javax.swing.JButton();
    txt_password                =                new
javax.swing.JPasswordField();


setDefaultCloseOperation(javax.swing.WindowConstan
ts.EXIT_ON_CLOSE);

    jPanel1.setBackground(new      java.awt.Color(30,
130, 76));

    jLabel2.setFont(new java.awt.Font("Brush Script
MT", 0, 25)); // NOI18N
    jLabel2.setForeground(new     java.awt.Color(255,
255, 255));
    jLabel2.setText("Login");

    jLabel6.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Forgot_Password_16px_1.png")); // NOI18N

    jLabel7.setBackground(new java.awt.Color(204, 0,
0));
    jLabel7.setFont(new     java.awt.Font("Arial",    1,
18)); // NOI18N
    jLabel7.setForeground(new     java.awt.Color(255,
255, 255));
    jLabel7.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Delete_16px.png")); // NOI18N
    jLabel7.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
    jLabel7.addMouseListener(new
java.awt.event.MouseAdapter() {
        public                            void
mouseClicked(java.awt.event.MouseEvent evt) {
            jLabel7MouseClicked(evt);
        }
    });

    jLabel8.setFont(new     java.awt.Font("Tahoma", 1,
18)); // NOI18N
    jLabel8.setForeground(new     java.awt.Color(255,
255, 255));
    jLabel8.setIcon(new
javax.swing.ImageIcon("C:\\Pembukuan\\images\\icons
8_Subtract_16px.png")); // NOI18N
    jLabel8.setAlignmentY(0.0F);
    jLabel8.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
    jLabel8.addMouseListener(new
java.awt.event.MouseAdapter() {
        public                            void
mouseClicked(java.awt.event.MouseEvent evt) {
            jLabel8MouseClicked(evt);

    }
});

    javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.UNRELATED)
        .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE,        17,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(jLabel7)
        .addContainerGap())
    );
    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
        .addComponent(jLabel6,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.TRAI
LING, jPanel1Layout.createSequentialGroup()
        .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE,        47,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAI
LING, jPanel1Layout.createSequentialGroup()
        .addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel7,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addComponent(jLabel8,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addContainerGap())
    );

    jPanel2.setBackground(new     java.awt.Color(102,
102, 102));

    btn_cancel.setFont(new   java.awt.Font("Tahoma",
1, 12)); // NOI18N
    btn_cancel.setText("Cancel");
```

```java
        btn_cancel.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        btn_cancel.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        btn_cancel.setDoubleBuffered(true);
        btn_cancel.addActionListener(new
java.awt.event.ActionListener() {
            public                              void
actionPerformed(java.awt.event.ActionEvent evt) {
                btn_cancelActionPerformed(evt);
            }
        });
        btn_cancel.addKeyListener(new
java.awt.event.KeyAdapter() {
            public                              void
keyPressed(java.awt.event.KeyEvent evt) {
                btn_cancelKeyPressed(evt);
            }
        });

        wwbel3.setFont(new  java.awt.Font("Tahoma",  1,
14)); // NOI18N
        wwbel3.setForeground(new     java.awt.Color(255,
255, 255));
        wwbel3.setText("Password");

        jLabel1.setFont(new  java.awt.Font("Tahoma",  1,
14)); // NOI18N
        jLabel1.setForeground(new     java.awt.Color(255,
255, 255));
        jLabel1.setText("Username");

        txt_username.setFont(new
java.awt.Font("Tahoma", 0, 12)); // NOI18N
        txt_username.setCursor(new
java.awt.Cursor(java.awt.Cursor.TEXT_CURSOR));
        txt_username.addKeyListener(new
java.awt.event.KeyAdapter() {
            public                              void
keyPressed(java.awt.event.KeyEvent evt) {
                txt_usernameKeyPressed(evt);
            }
        });

        btn_login.setFont(new java.awt.Font("Tahoma", 1,
12)); // NOI18N
        btn_login.setText("Login");
        btn_login.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.borde
r.BevelBorder.RAISED));
        btn_login.setCursor(new
java.awt.Cursor(java.awt.Cursor.HAND_CURSOR));
        btn_login.addActionListener(new
java.awt.event.ActionListener() {
            public                              void
actionPerformed(java.awt.event.ActionEvent evt) {
                btn_loginActionPerformed(evt);
            }
        });
        btn_login.addKeyListener(new
java.awt.event.KeyAdapter() {
            public                              void
keyPressed(java.awt.event.KeyEvent evt) {
                btn_loginKeyPressed(evt);
            }
        });

        txt_password.addKeyListener(new
java.awt.event.KeyAdapter() {
            public                              void
keyPressed(java.awt.event.KeyEvent evt) {
                txt_passwordKeyPressed(evt);
            }
        });

        javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(61, 61, 61)

.addGroup(jPanel2Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.TRAILING)
                    .addComponent(wwbel3)
                    .addComponent(jLabel1))
                .addGap(23, 23, 23)

.addGroup(jPanel2Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.LEADING, false)

.addGroup(jPanel2Layout.createSequentialGroup()
                        .addComponent(btn_login,
javax.swing.GroupLayout.PREFERRED_SIZE,      66,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.UNRELATED)
                        .addComponent(btn_cancel,
javax.swing.GroupLayout.PREFERRED_SIZE,      66,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addComponent(txt_username)
                    .addComponent(txt_password))
                .addContainerGap(81, Short.MAX_VALUE))
        );
        jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(36, 36, 36)

.addGroup(jPanel2Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.BASELINE)
                    .addComponent(txt_username,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jLabel1))

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.BASELINE)
                    .addComponent(wwbel3)
                    .addComponent(txt_password,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(36, 36, 36)
```

```java
            .addGroup(jPanel2Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.TRAILING)
                .addComponent(btn_cancel,
javax.swing.GroupLayout.PREFERRED_SIZE,      29,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(btn_login,
javax.swing.GroupLayout.PREFERRED_SIZE,      29,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap(30, Short.MAX_VALUE))
        );

        javax.swing.GroupLayout    layout    =    new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)
            .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        );
        layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED)
                .addComponent(jPanel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        );

        setSize(new java.awt.Dimension(392, 270));
        setLocationRelativeTo(null);
    }// </editor-fold>

    private                              void
btn_cancelActionPerformed(java.awt.event.ActionEven
t evt) {
        this.setVisible(false);

        HomeKonsumsi home = new HomeKonsumsi();
        home.setVisible(true);
    }

    private                              void
btn_cancelKeyPressed(java.awt.event.KeyEvent evt) {
        if (evt.getKeyCode() == KeyEvent.VK_LEFT) //
kalo tekan enter
        {
            btn_login.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_UP) //
kalo tekan enter
        {
```

```java
            txt_password.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            this.setVisible(false);
            HomeKonsumsi home = new HomeKonsumsi();
            home.setVisible(true);
        }
    }

    private                              void
txt_usernameKeyPressed(java.awt.event.KeyEvent evt)
{
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            txt_password.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_DOWN)
// kalo tekan enter
        {
            txt_password.requestFocus();
        }
    }

    private                              void
btn_loginActionPerformed(java.awt.event.ActionEvent
evt) {
        submitlogin();
    }

    private                              void
btn_loginKeyPressed(java.awt.event.KeyEvent evt) {
        if (evt.getKeyCode() == KeyEvent.VK_RIGHT) //
kalo tekan enter
        {
            btn_cancel.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_UP) //
kalo tekan enter
        {
            txt_password.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_ENTER)
// kalo tekan enter
        {
            submitlogin();
        }
    }

    private                              void
jLabel7MouseClicked(java.awt.event.MouseEvent evt)
{
        System.exit(0);
    }

    private                              void
jLabel8MouseClicked(java.awt.event.MouseEvent evt)
{
        this.setState(JFrame.ICONIFIED);
    }

    private                              void
txt_passwordKeyPressed(java.awt.event.KeyEvent evt)
{
        if (evt.getKeyCode() == KeyEvent.VK_ENTER) //
kalo tekan enter
        {
```

```java
            submitlogin();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_DOWN)
// kalo tekan enter
        {
            btn_login.requestFocus();
        }
        if ( evt.getKeyCode() == KeyEvent.VK_UP) //
kalo tekan enter
        {
            txt_username.requestFocus();
        }
    }

    private void submitlogin(){
        String usname = txt_username.getText();
        String passw = txt_password.getText();
        String user = "";
        String pass = "";
        try {
            ResultSet rset = sqlite.getData("select  *  from
Manager where Username='"+usname+"';");
            user = rset.getString(2);
            pass = rset.getString(3);
            if(usname.equals(user)                    &&
passw.equals(pass)){
                HPPKonsumsi n = new HPPKonsumsi();
                n.setVisible(true);

                this.setVisible(false);
            }
            else        if(usname.equals(user)          &&
!passw.equals(pass)){

JOptionPane.showMessageDialog(null,"Password Salah
\n");
                txt_password.setText("");
                txt_password.requestFocus();
            }
            else{

JOptionPane.showMessageDialog(rootPane,"Username
Tidak Terdaftar");
                txt_password.setText("");
                txt_username.requestFocus();
            }
            rset.close();
        } catch (Exception ex) {
            if(usname.equals(null)  ||  usname.equals("")  ||
passw.equals(null) || passw.equals("")){

JOptionPane.showMessageDialog(rootPane,"Mohon
diisi semua kotak \n");
                txt_password.setText("");
                txt_username.requestFocus();
            }else if(user.equals("")){

JOptionPane.showMessageDialog(rootPane,"Maaf,
username "+usname+" belum terdaftar");
                txt_password.setText("");
                txt_username.requestFocus();
            }
            else{

JOptionPane.showMessageDialog(rootPane,"Terjadi
kesalahan, hubungi pihak Administrator \nError : "+
ex);
                txt_password.setText("");
                txt_username.requestFocus();
```

```java
            System.out.print(ex.toString());
        }
    }
}

    //send email saat lupa passwordnya
    public      String      sendMail(String      Email,String
Password,String ToEmail,String Subject,String Text){

        String Msg;

        final String username = Email;
        final String password = Password;

        Properties props = new Properties();
        props.put("mail.smtp.host", "smtp.gmail.com");
        props.put("mail.smtp.socketFactory.port", "465");
        props.put("mail.smtp.socketFactory.class",
            "javax.net.ssl.SSLSocketFactory");
        props.put("mail.smtp.auth", "true");
        props.put("mail.smtp.port", "465");

        Session                session                =
Session.getDefaultInstance(props,
            new javax.mail.Authenticator() {
                protected           PasswordAuthentication
getPasswordAuthentication() {
                    return                         new
PasswordAuthentication(username,password);
                }
            });

        try {
            Message         message         =         new
MimeMessage(session);
            message.setFrom(new InternetAddress(Email));

message.setRecipients(Message.RecipientType.TO,Inte
rnetAddress.parse(Email));
            message.setSubject(Subject);
            message.setText(Text);
            Transport.send(message);
            Msg="true";
            JOptionPane.showMessageDialog(rootPane,
"Sudah terkirim, silahkan cek email Anda");
                return Msg;

        } catch (javax.mail.MessagingException ex) {
            JOptionPane.showMessageDialog(rootPane,
"Oops ada kesalahan silahkan periksa berikut ini:\n1.
Periksa  koneksi  jaringan  Anda.\n2.  Google  mail
mencegah  aplikasi  ini,  mohon  izin  kan  terlebih
dahulu.\n3.  Akun  gmail  telah  berubah.\n\nUntuk
informasi  lebih  lanjut,  hubungi  pihak  Administrator",
"Perhatian",
JOptionPane.INFORMATION_MESSAGE);
            System.out.println(ex);
            return ex.toString();
        }
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold    defaultstate="collapsed"    desc="
Look and feel setting code (optional) ">
```

```java
        /* If Nimbus (introduced in Java SE 6) is not
available, stay with the default look and feel.
         *         For         details         see
http://download.oracle.com/javase/tutorial/uiswing/look
andfeel/plaf.html
         */
        try {
          for (javax.swing.UIManager.LookAndFeelInfo
info                                              :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Windows".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClass
Name());
                break;
            }
          }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(LoginKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(LoginKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(LoginKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        }                                    catch
(javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(LoginKonsumsi.cla
ss.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        }
        //</editor-fold>

        /* Create and display the form */
        java.awt.EventQueue.invokeLater(new Runnable()
{
            public void run() {
              new LoginKonsumsi().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton btn_cancel;
    private javax.swing.JButton btn_login;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JLabel jLabel2;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JLabel jLabel7;
    private javax.swing.JLabel jLabel8;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JPanel jPanel2;
    private javax.swing.JPasswordField txt_password;
    private javax.swing.JTextField txt_username;
    private javax.swing.JLabel wwbel3;
    // End of variables declaration
}
```

Lampiran 5 Kode Program *Connect to SQLite*

```java
package ylgroup.company.pembukuan;

import java.sql.*;
import javax.swing.JOptionPane;

public class JDBC {
    String driver = "org.sqlite.JDBC";
    String                url                =
"jdbc:sqlite:C:/Pembukuan/dbpembukuan.db";

    Connection getConnection() throws Exception{
        Class.forName(driver);
        Connection              con            =
DriverManager.getConnection(url);
        con.setAutoCommit(true);
        return con;
    }

    void putData(String sql){
        try{
            Connection con = getConnection();
            Statement state = con.createStatement();
            state.execute(sql);
            state.close();
        }catch(Exception ex){
            JOptionPane.showMessageDialog(null,
ex.getMessage());
        }
    }
    public Statement state;
    public PreparedStatement preparedstatement;
    public ResultSet getData(String sql) throws
Exception{
        Connection con = getConnection();
        state = con.createStatement();
        ResultSet rset = state.executeQuery(sql);
        return rset;
    }

    void delData(String sql) throws Exception{
        Connection con = getConnection();
        state = con.createStatement();
        state.executeUpdate(sql);
        state.close();
    }
}
```

Lampiran 6 Kode Program *Progress Bar*

```java
package ylgroup.company.pembukuan;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.Timer;

public class ProgressBar extends javax.swing.JFrame {

    Timer timer;
    ActionListener action;
```

```java
    ProgressBar pb = this;
    public ProgressBar() {
        initComponents();
        setLocationRelativeTo(this);
        aksipo();
        timer = new Timer(100, action);
        timer.start();
    }

    /**
     * This method is called from within the constructor
to initialize the form.
     * WARNING: Do NOT modify this code. The
content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold          defaultstate="collapsed"
desc="Generated Code">
    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        progressBar = new javax.swing.JProgressBar();
        jLabel2 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstan
ts.EXIT_ON_CLOSE);
        setAlwaysOnTop(true);
        setUndecorated(true);

        jPanel1.setBackground(new    java.awt.Color(255,
255, 255));

        jPanel2.setBackground(new java.awt.Color(44, 62,
80));

        jLabel1.setFont(new  java.awt.Font("Tahoma",  1,
14)); // NOI18N
        jLabel1.setForeground(new    java.awt.Color(255,
255, 255));
        jLabel1.setText("Sedang Memuat");

        javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
        jPanel2.setLayout(jPanel2Layout);
        jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAI
LING, jPanel2Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAUL
T_SIZE, Short.MAX_VALUE)
            .addComponent(jLabel1)
            .addGap(199, 199, 199))
        );
        jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAI
LING, jPanel2Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAUL
T_SIZE, Short.MAX_VALUE)
            .addComponent(jLabel1)
            .addContainerGap())
        );

        jLabel2.setText("Mohon menunggu . . .");

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)
            .addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.TRAI
LING, jPanel1Layout.createSequentialGroup()
            .addContainerGap(59, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.sw
ing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel2)
            .addComponent(progressBar,
javax.swing.GroupLayout.PREFERRED_SIZE,     413,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(51, 51, 51))
        );
        jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jPanel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED, 21, Short.MAX_VALUE)
            .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.Component
Placement.RELATED)
            .addComponent(progressBar,
javax.swing.GroupLayout.PREFERRED_SIZE,     29,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(24, 24, 24))
        );

        javax.swing.GroupLayout    layout    =    new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)
            .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        );
        layout.setVerticalGroup(
```

```java
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
    );

    pack();
}// </editor-fold>

public void aksipo(){
    action = new ActionListener() {

        @Override
        public void actionPerformed(ActionEvent e) {
            progressBar.setValue(progressBar.getValue()
+ 4); //persen progress bar bertambah setiap 5 kali
            progressBar.setStringPainted(true);
            if (progressBar.getPercentComplete() == 1.0)
{

                timer.stop();
                try{
                    Utama n = new Utama ();
                    n.setVisible(true);

n.setExtendedState(JFrame.MAXIMIZED_BOTH);
                    pb.dispose();
                }catch(Exception ex){

JOptionPane.showMessageDialog(rootPane,    "Mohon
Maaf  atas  ketidaknyamanan  Anda\nAplikasi  gagal
memuat  dikarenakan  suatu  hal,  hubungi  pihak
Administrator","Perhatian",
JOptionPane.WARNING_MESSAGE);
                }
            }
        }
    };
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold    defaultstate="collapsed"    desc="
Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not
available, stay with the default look and feel.
     *        For        details        see
http://download.oracle.com/javase/tutorial/uiswing/look
andfeel/plaf.html
     */
    try {
        for  (javax.swing.UIManager.LookAndFeelInfo
info                                              :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Windows".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClass
Name());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ProgressBar.class.g
```

```java
etName()).log(java.util.logging.Level.SEVERE,     null,
ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ProgressBar.class.g
etName()).log(java.util.logging.Level.SEVERE,     null,
ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ProgressBar.class.g
etName()).log(java.util.logging.Level.SEVERE,     null,
ex);
    }                                          catch
(javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ProgressBar.class.g
etName()).log(java.util.logging.Level.SEVERE,     null,
ex);
    }
    //</editor-fold>
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new  Runnable()
{
        public void run() {
            new ProgressBar().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JProgressBar progressBar;
// End of variables declaration
}
```