

LAMPIRAN

1. Kode Koneksi Ke Database SQL Server

```
Connection con;
Statement st;
ResultSet rs;
PreparedStatement ps, ps1;
String sql;

String konek = "jdbc:sqlserver://localhost:1433;databaseName=Rekapitulasi;user=sa;password=Yoga1996*";
```

2. Kode Program Tambah Data

```
public void insert()
{
    String tampilan = "yyyy-MM-dd";
    SimpleDateFormat fm = new SimpleDateFormat(tampilan);
    String tanggal = String.valueOf(fm.format(jdtcTgl.getDate()));
    try
    {
        if (Integer.parseInt(jtxtcad.getText()) >= 0 && Integer.parseInt(jtxtNominal.getText()) <= Integer.parseInt(jtxtcad.getText()) ) {
            con = DriverManager.getConnection(konek);
            ps = con.prepareStatement("INSERT INTO tabelrekapitulasi"
+ "( ID,Kategori,PJ,KodeDana,Semester,Tanggal, Keterangan, Termin, Nominal, Pengajuan, TransferPengajuan, BuktiTransfer)"
+ "VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)");
            ps.setString(1, jtxtID.getText());
            ps.setString(2, jcmbKategori.getSelectedItem().toString());
            ps.setString(3, jcmbpj.getSelectedItem().toString());
            ps.setString(4, jcmboSaldo.getSelectedItem().toString());
            ps.setString(5, jcmboNote.getSelectedItem().toString());
            ps.setString(6, tanggal);
            ps.setString(7, jtxtArea.getText());
            ps.setString(8, jcmTermin.getSelectedItem().toString());
            ps.setString(9, jtxtNominal.getText());
            ps.setString(10, jtxtbtp.getText());
            ps.setString(11, jtxtbpt.getText());
            ps.setString(12, jtxtbt.getText());
            ps.executeUpdate();
            tampiltabel();
        }
        else
        {
            JOptionPane.showMessageDialog(rootPane, "Data Gagal Di Masukkan, Saldo Anda Sudah Habis");
        }
    }
    catch (Exception x)
    {
        System.out.println(x.toString());
        JOptionPane.showMessageDialog(rootPane, "Data gagal dimasukkan"+x);
    }
}
```

3. Kode Program Edit Data

```
private void edit()
{
    String tampilan = "yyyy-MM-dd";
    SimpleDateFormat fm = new SimpleDateFormat(tampilan);
    String tanggal = String.valueOf(fm.format(jdtoTgl.getDate()));
    try {
        if(Integer.parseInt(jtxtNominalbr.getText()) < Integer.parseInt(jtxtload.getText()){
            con = DriverManager.getConnection(konek);
            sql = "update tabelrekapitulasi set Kategori=?, PJ=?, KodeDana=?, Semester=?, Tanggal=?, Keterangan=?, Termin=?, Nominal=?, Pengajuan=?, TransferPengajuan=?,";

            ps = con.prepareStatement(sql);
            ps.setString(1,jcmbKategori.getSelectedItemAt().toString());
            ps.setString(2, jcmbpj.getSelectedItemAt().toString());
            ps.setString(3, jcmboSaldo.getSelectedItemAt().toString());
            ps.setString(4, jcmboNote.getSelectedItemAt().toString());
            ps.setString(5,tanggal);
            ps.setString(6,jtxtArea.getText());
            ps.setString(7,jcmTermin.getSelectedItemAt().toString());
            ps.setString(8,jtxtNominalbr.getText());
            ps.setString(9, jtxtbp.getText());
            ps.setString(10, jxtbpt.getText());
            ps.setString(11, jxtbt.getText());
            ps.executeUpdate();
            //JOptionPane.showMessageDialog(rootPane, "Data berhasil diedit");
        }

    }

    catch (SQLException x) {
        //System.out.println(x.toString());
        // JOptionPane.showMessageDialog(rootPane, "Edit Gagal" );
    }
    tampiltabel();
    tampiltabel2();
}
}
```

4. Kode Hapus Data

```
private void delete2()
{
    try {
        con = DriverManager.getConnection(konek);
        ps = con.prepareStatement("delete from tabelmaster where ID = '" + jtxtID.getText() + "'" + "");
        ps.executeUpdate();
        // JOptionPane.showMessageDialog(rootPane, "Data berhasil dihapus");
        tampiltabel();
        updateSaldoDelete();
    } catch (SQLException x) {
        System.out.println(x.toString());
        // JOptionPane.showMessageDialog(rootPane, "Data tidak dapat dihapus" + x.toString());
    }
}
}
```

5. Kode Cetak Laporan

```
try {
    con = DriverManager.getConnection(konek);
    String namafile= "D:/Kuliah/Project TA/ProjectTA/RekapKeuangan/src/rekapkeuangan/reportPengeluaran.jasper";
    File report = new File(namafile);
    JasperReport jreprt = (JasperReport)JRLoader.loadObject(report.getPath());
    JasperPrint jprintt = JasperFillManager.fillReport(jreprt,null, con);
    JasperViewer.viewReport(jprintt,false);

} catch (Exception e) {
    JOptionPane.showMessageDialog(null, "Gagal Membuka Laporan" + e,"Cetak Laporan",JOptionPane.ERROR_MESSAGE);
    System.out.println(e);
}
ratakananTabel();
```