FORM LOGIN

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace PENGHITUNG_MATURITY_LEVEL
{
    public partial class FormLogin : Form
    {
        public FormLogin()
        {
            InitializeComponent();

        }

        private void button1_Click(object sender, EventArgs e)
        {
            verifyLogin();
        }

        String ConString = "Data Source=DESKTOP-97NKBL3\\AULIARAKH;Initial
Catalog=MaturityLevel;Integrated Security=True";

        public bool verifyLogin()
        {
            bool hasil = false;
            try
            {
                SqlConnection con = new SqlConnection(ConString);
                SqlCommand cmd = new SqlCommand("Select PASSWORD from
tblPengguna where NAMA = '" + txtUsername.Text + "'  ", con);
                con.Open();
                string pass = (string)cmd.ExecuteScalar();
                if (pass == txtPassword.Text)
                {
                    hasil = true;
                    //MessageBox.Show("Silahkan masuk, " +
txtUsername.Text, "Masuk", MessageBoxButtons.OK,
MessageBoxIcon.Information);
                    this.Hide();
                    formUtama next = new formUtama(txtUsername.Text);
                    next.Show();
                }
                else
                {
                    hasil = false;
```

```csharp
                    MessageBox.Show("Mohon periksa kembali Username dan
Password anda", "Gagal", MessageBoxButtons.OK, MessageBoxIcon.Error);
                    txtPassword.Text = "";
                    txtPassword.Select();
                }
            }
            catch (Exception x)
            {
                MessageBox.Show(x.Message);
            }


            return hasil;
        }

        private void checkPassword_CheckedChanged(object sender, EventArgs
e)
        {
            if (checkPassword.Checked == true)
            {
                txtPassword.UseSystemPasswordChar = false;
            }
            else if (checkPassword.Checked == false)
            {
                txtPassword.UseSystemPasswordChar = true;
            }
        }

        private void txtPassword_KeyPress(object sender, KeyPressEventArgs
e)
        {
            if (e.KeyChar != 13)
            {

            }
            else
            {
                verifyLogin();
            }
        }
    }
}
```

FORM HASIL

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace PENGHITUNG_MATURITY_LEVEL
{
    public partial class formLaporanHasilKuisioner : Form
    {
        String lemparmaturity;
        String lempartempat;
        String lemparproses;
        String lemparwaktu;
        String lemparnama;
        String level0;
        String level1;
        String level2;
        String level3;
        String level4;
        String level5;
        String ConString = "Data Source=DESKTOP-97NKBL3\\AULIARAKH;Initial
Catalog=MaturityLevel;Integrated Security=True";

        public formLaporanHasilKuisioner(string maturity, string tempat,
string proses, string waktu,string nama,string level0,string level1,string
level2, string level3,string level4,string level5)
        {
            InitializeComponent();
            this.lemparmaturity = maturity;
            lblMaturity.Text = "Maturity Value =   "+lemparmaturity;

            this.lempartempat = tempat;
            lbltempat.Text = lempartempat;

            this.lemparproses = proses;
            lblProses.Text = lemparproses;

            this.lemparwaktu = waktu;
            this.lemparnama = nama;
            this.level0 = level0;
            this.level1 = level1;
            this.level2 = level2;
            this.level3 = level3;
            this.level4 = level4;
            this.level5 = level5;
        }

        void getKuisioner()
        {
```

```csharp
            this.tblTempatTableAdapter1.Fill(this.maturityLevelDataSet3.tblTempat);

            this.tblHasilTableAdapter.Fill(this.maturityLevelDataSet1.tblHasil);

            this.tblKuisionerTableAdapter1.Fill(this.maturityLevelDataSet2.tblKuisioner
);
            this.tblTempatTableAdapter2.Fill(this.dataSetTempat.tblTempat);
        }
        private void formLaporanHasilKuisioner_Load(object sender,
EventArgs e)
        {
            getKuisioner();
        }

        private void txtLvl_TextChanged(object sender, EventArgs e)
        {
            try
            {
                SqlConnection con = new SqlConnection(ConString);
                SqlCommand cmd = new SqlCommand("Select * from
dbo.tblKuisioner where Tempat = '" + lbltempat.Text + "' AND Lvl like('%" +
comboLvl.Text + "%')", con);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataTable dt = new DataTable();
                da.Fill(dt);
                gridHasilKuisioner.DataSource = dt;
                con.Open();
                cmd.ExecuteNonQuery();
                con.Close();
            }
            catch (Exception x)
            {
                MessageBox.Show(x.Message);
            }
        }

        private void comboLvl_KeyPress_1(object sender, KeyPressEventArgs
e)
        {
            if (e.KeyChar != 13)
            {
                MessageBox.Show("Pilihlah 'Level' dari daftar yang telah
disediakan!", "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning);
                e.KeyChar = (char)0;
            }
        }

        private void btnReset_Click(object sender, EventArgs e)
        {
            formUtama back = new formUtama(lemparnama.ToString());
            this.Hide();
            back.Show();
        }

        void getTempat()
        {
```

```csharp
            groupBox3.Visible = true;
            groupBox1.Visible = false;
            groupBox2.Visible = false;
            btnKembali.Visible = false;

            try
            {
                SqlConnection con = new SqlConnection(ConString);
                SqlCommand cmd = new SqlCommand("Select * from
dbo.tblTempat", con);
                con.Open();
                SqlDataReader dr = cmd.ExecuteReader();
                comboTempat.Items.Clear();
                while (dr.Read())
                {
                    string namatempat = dr.GetString(1);
                    comboTempat.Items.Add(namatempat);
                }
                con.Close();
            }
            catch (Exception x)
            {
                MessageBox.Show(x.Message);
            }

            try
            {
                SqlConnection con1 = new SqlConnection(ConString);
                SqlCommand cmd1 = new SqlCommand("Select * from
dbo.tblTempat ORDER BY Tempat ASC", con1);
                SqlDataAdapter da1 = new SqlDataAdapter(cmd1);
                DataTable dt1 = new DataTable();
                da1.Fill(dt1);
                gridRekapitulasi.DataSource = dt1;
                con1.Open();
                cmd1.ExecuteNonQuery();
                con1.Close();
            }
            catch (Exception x1)
            {
                MessageBox.Show(x1.Message);
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            getTempat();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            groupBox3.Visible = false;
            groupBox1.Visible = true;
            groupBox2.Visible = true;
            btnKembali.Visible = true;
        }
```

```csharp
        private void comboBox2_SelectedIndexChanged(object sender,
EventArgs e)
        {
            if(comboTempat.Text != "")
            {
                comboLvl.Enabled = true;
            }
            else
            {
                comboLvl.Enabled = false;
            }

            try
            {
                SqlConnection con = new SqlConnection(ConString);
                SqlCommand cmd = new SqlCommand("Select * from
dbo.tblTempat where Tempat = '" + comboTempat.Text + "'", con);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataTable dt = new DataTable();
                da.Fill(dt);
                gridRekapitulasi.DataSource = dt;
                con.Open();
                cmd.ExecuteNonQuery();
                con.Close();
            }
            catch (Exception x)
            {
                MessageBox.Show(x.Message);
            }
        }

        private void btnLihatSemua_Click(object sender, EventArgs e)
        {
            comboTempat.Text="";
            try
            {
                SqlConnection con1 = new SqlConnection(ConString);
                SqlCommand cmd1 = new SqlCommand("Select * from
dbo.tblTempat ORDER BY Tempat ASC", con1);
                SqlDataAdapter da1 = new SqlDataAdapter(cmd1);
                DataTable dt1 = new DataTable();
                da1.Fill(dt1);
                gridRekapitulasi.DataSource = dt1;
                con1.Open();
                cmd1.ExecuteNonQuery();
                con1.Close();
            }
            catch (Exception x1)
            {
                MessageBox.Show(x1.Message);
            }
        }

        private void printDocument1_PrintPage(object sender,
System.Drawing.Printing.PrintPageEventArgs e)
        {
```

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```csharp
            e.Graphics.DrawString("HASIL PENGUKURAN MATURITY LEVEL", new
Font("Arial", 26, FontStyle.Regular), Brushes.Black, new Point(100, 100));
            //e.Graphics.DrawImage(bmp, 0, 0);
            e.Graphics.DrawString("Proses TI = "+lblProses.Text,new
Font("Arial",22,FontStyle.Regular),Brushes.Black,new Point(100,200));
            e.Graphics.DrawString("Tempat = " + lbltempat.Text, new
Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100, 240));
            e.Graphics.DrawString("Nilai Level 0 = " + level0.ToString(),
new Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100,
280));
            e.Graphics.DrawString("Nilai Level 1 = " + level1.ToString(),
new Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100,
320));
            e.Graphics.DrawString("Nilai Level 2 = " + level2.ToString(),
new Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100,
360));
            e.Graphics.DrawString("Nilai Level 3 = " + level3.ToString(),
new Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100,
400));
            e.Graphics.DrawString("Nilai Level 4 = " + level4.ToString(),
new Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100,
440));
            e.Graphics.DrawString("Nilai Level 5 = " + level5.ToString(),
new Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100,
480));
            e.Graphics.DrawString(lblMaturity.Text, new Font("Arial", 22,
FontStyle.Regular), Brushes.Black, new Point(100, 520));
            e.Graphics.DrawString("Waktu = " + lemparwaktu.ToString(), new
Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100, 560));
            e.Graphics.DrawString("Audit = " + lemparnama.ToString(), new
Font("Arial", 22, FontStyle.Regular), Brushes.Black, new Point(100, 600));
            e.Graphics.DrawString("_____", new Font("Arial",
22, FontStyle.Regular), Brushes.Black, new Point(100, 680));
        }
        //Bitmap bmp;
        private void btnCetak_Click(object sender, EventArgs e)
        {
            //Graphics g = this.CreateGraphics();
            //bmp = new Bitmap(this.Size.Width, this.Size.Height, g);
            //Graphics mg = Graphics.FromImage(bmp);

//mg.CopyFromScreen(this.Location.X,this.Location.Y,0,0,this.Size);
            //
            printPreviewDialog1.ShowDialog();
            // using (MaturityLevelDataSet2 db = new
MaturityLevelDataSet2())
            // {
                //tblKuisionerBindingSource1.DataSource =
db.tblKuisioner.ToList();
            //}


        }
    }
}
```

FORM TAMBAH PENGGUNA

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace PENGHITUNG_MATURITY_LEVEL
{
    public partial class FormTambahPengguna : Form
    {
        public FormTambahPengguna()
        {
            InitializeComponent();
        }

        String ConString = "Data Source=DESKTOP-97NKBL3\\AULIARAKH;Initial Catalog=MaturityLevel;Integrated Security=True";

        private void btnTambah_Click(object sender, EventArgs e)
        {
            if (txtKonfirmasi.Text != txtPassword.Text)
            {
                MessageBox.Show("Password tidak sama", "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Error);
                txtPassword.Text = "";
                txtKonfirmasi.Text = "";
                txtKonfirmasi.Enabled = false;
                txtPassword.Select();
            }
            else
            {
                try
                {
                    SqlConnection con = new SqlConnection(ConString);
                    con.Open();
                    SqlCommand cmd = new SqlCommand("insert into dbo.tblUser values('" + txtNama.Text + "','" + txtPassword.Text + "')", con);
                    cmd.ExecuteNonQuery();
                    con.Close();
                    MessageBox.Show("Berhasil menambah admin", "Berhasil", MessageBoxButtons.OK, MessageBoxIcon.Information);
                    txtNama.Text = "";
                    txtPassword.Text = "";
                    txtPassword.Enabled = false;
                    txtKonfirmasi.Text = "";
                    txtKonfirmasi.Enabled = false;
                    txtNama.Select();
                }
                catch (Exception x)
                {
```

```csharp
                    MessageBox.Show("Gagal    menambah    admin",    "Gagal",
MessageBoxButtons.OK, MessageBoxIcon.Error);
                    MessageBox.Show(x.Message);
                }
            }
        }

        private void btnKembali_Click(object sender, EventArgs e)
        {
            formUtama back = new formUtama();
            this.Hide();
            back.Show();
        }
    }
}
```

FORM UTAMA

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace PENGHITUNG_MATURITY_LEVEL
{
    public partial class formUtama : Form
    {
        String lemparnama;

        String ConString = "Data Source=DESKTOP-97NKBL3\\AULIARAKH;Initial
Catalog=MaturityLevel;Integrated Security=True";

        public formUtama(string nama)
        {
            InitializeComponent();
            this.lemparnama = nama;
            lblNama.Text = lemparnama;
        }

        //masuk ke tambah pengguna
        private void btnTambah_Click(object sender, EventArgs e)
        {
            this.Hide();
            FormTambahPengguna next = new FormTambahPengguna();
            next.Show();
        }

        void getPertanyaan()
        {
            lblProses.Text = comboProsesTI.Text;

            if (comboProsesTI.Text == "PO1")
            {
                txtTempat.Enabled = true;
                SqlConnection con = new SqlConnection(ConString);
                con.Open();
                SqlCommand cmd = new SqlCommand("SELECT * FROM tblProsesTI
WHERE PROSESTI = 'PO1'",con);
                SqlDataReader dr = cmd.ExecuteReader();
                if(dr.Read())
                {
                    Pertanyaan1Lvl0.Text = (dr.GetValue(1).ToString());
                    Pertanyaan2Lvl0.Text = (dr.GetValue(2).ToString());

                    Pertanyaan1Lvl1.Text = (dr.GetValue(3).ToString());
                    Pertanyaan2Lvl1.Text = (dr.GetValue(4).ToString());
                    Pertanyaan3Lvl1.Text = (dr.GetValue(5).ToString());
```

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```csharp
                Pertanyaan4Lvl1.Text = (dr.GetValue(6).ToString());
                Pertanyaan5Lvl1.Text = (dr.GetValue(7).ToString());

                Pertanyaan1Lvl2.Text = (dr.GetValue(8).ToString());
                Pertanyaan2Lvl2.Text = (dr.GetValue(9).ToString());
                Pertanyaan3Lvl2.Text = (dr.GetValue(10).ToString());
                Pertanyaan4Lvl2.Text = (dr.GetValue(11).ToString());

                Pertanyaan1Lvl3.Text = (dr.GetValue(12).ToString());
                Pertanyaan2Lvl3.Text = (dr.GetValue(13).ToString());
                Pertanyaan3Lvl3.Text = (dr.GetValue(14).ToString());
                Pertanyaan4Lvl3.Text = (dr.GetValue(15).ToString());
                Pertanyaan5Lvl3.Text = (dr.GetValue(16).ToString());
                Pertanyaan6Lvl3.Text = (dr.GetValue(17).ToString());
                Pertanyaan7Lvl3.Text = (dr.GetValue(18).ToString());

                Pertanyaan1Lvl4.Text = (dr.GetValue(19).ToString());
                Pertanyaan2Lvl4.Text = (dr.GetValue(20).ToString());
                Pertanyaan3Lvl4.Text = (dr.GetValue(21).ToString());
                Pertanyaan4Lvl4.Text = (dr.GetValue(22).ToString());
                Pertanyaan5Lvl4.Text = (dr.GetValue(23).ToString());
                Pertanyaan6Lvl4.Text = (dr.GetValue(24).ToString());

                Pertanyaan1Lvl5.Text = (dr.GetValue(25).ToString());
                Pertanyaan2Lvl5.Text = (dr.GetValue(26).ToString());
                Pertanyaan3Lvl5.Text = (dr.GetValue(27).ToString());
                Pertanyaan4Lvl5.Text = (dr.GetValue(28).ToString());
                Pertanyaan5Lvl5.Text = (dr.GetValue(29).ToString());
                Pertanyaan6Lvl5.Text = (dr.GetValue(30).ToString());
                Pertanyaan7Lvl5.Text = (dr.GetValue(31).ToString());
                Pertanyaan8Lvl5.Text = (dr.GetValue(32).ToString());
            }
            cmd.Dispose();
            con.Close();
        }

        if (comboProsesTI.Text == "")
        {
            RefreshForm();
            Pertanyaan1Lvl0.Text = "";
            Pertanyaan2Lvl0.Text = "";

            Pertanyaan1Lvl1.Text = "";
            Pertanyaan2Lvl1.Text = "";
            Pertanyaan3Lvl1.Text = "";
            Pertanyaan4Lvl1.Text = "";
            Pertanyaan5Lvl1.Text = "";

            Pertanyaan1Lvl2.Text = "";
            Pertanyaan2Lvl2.Text = "";
            Pertanyaan3Lvl2.Text = "";
            Pertanyaan4Lvl2.Text = "";

            Pertanyaan1Lvl3.Text = "";
            Pertanyaan2Lvl3.Text = "";
            Pertanyaan3Lvl3.Text = "";
            Pertanyaan4Lvl3.Text = "";
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```csharp
                Pertanyaan5Lvl3.Text = "";
                Pertanyaan6Lvl3.Text = "";
                Pertanyaan7Lvl3.Text = "";

                Pertanyaan1Lvl4.Text = "";
                Pertanyaan2Lvl4.Text = "";
                Pertanyaan3Lvl4.Text = "";
                Pertanyaan4Lvl4.Text = "";
                Pertanyaan5Lvl4.Text = "";
                Pertanyaan6Lvl4.Text = "";

                Pertanyaan1Lvl5.Text = "";
                Pertanyaan2Lvl5.Text = "";
                Pertanyaan3Lvl5.Text = "";
                Pertanyaan4Lvl5.Text = "";
                Pertanyaan5Lvl5.Text = "";
                Pertanyaan6Lvl5.Text = "";
                Pertanyaan7Lvl5.Text = "";
                Pertanyaan8Lvl5.Text = "";
            }
        }

        //jika combo proses TI diubah
        private void comboProsesTI_SelectedIndexChanged(object sender,
EventArgs e)
        {
            getPertanyaan();
        }

        //validasi combo proses TI
        private void comboProsesTI_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (e.KeyChar != 13)
            {
                MessageBox.Show("Pilihlah 'Proses TI' dari daftar yang
telah disediakan!", "Peringatan", MessageBoxButtons.OK,
MessageBoxIcon.Warning);
                e.KeyChar = (char)0;
            }

            if (comboProsesTI.Text == "")
            {
                groupBox1.Enabled = false;
            }
            else
            {
                groupBox1.Enabled = true;
            }
        }

        private void comboProsesTI_TextChanged(object sender, EventArgs e)
        {
            if (comboProsesTI.Text == "")
            {
                groupBox1.Enabled = false;
```

```
                    groupBox1.Enabled = false;
                    label6.Visible = false;
                    lblLevel.Visible = false;
                    label8.Visible = false;
                    lblProses.Visible = false;
                }
                else
                {
                    groupBox1.Enabled = true;
                }
            }

            //lanjut ke perhitungan

            void fillKuisioner()
            {
                if (lblTotalLvl0.Text == "TOTAL" || lblTotalLvl1.Text ==
"TOTAL" || lblTotalLvl2.Text == "TOTAL" ||
                    lblTotalLvl3.Text == "TOTAL" || lblTotalLvl4.Text ==
"TOTAL" || lblTotalLvl5.Text == "TOTAL" || txtTempat.Text =="")
                {
                    MessageBox.Show("Pastikan    kuisioner    sudah    terisi
lengkap!", "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning);

                }
                else
                {
                    MessageBox.Show("Sudah
lengkap","Information",MessageBoxButtons.OK,MessageBoxIcon.Information);

                    //memasukan hasil nilai-nilai kuisioner dan pertanyaannya
                    try
                    {
                        SqlConnection con = new SqlConnection(ConString);
                        con.Open();

                        //lvl0
                        SqlCommand   cmd   =   new   SqlCommand("Insert   into
dbo.tblKuisioner  values('"+  comboProsesTI.Text  +"','"+  txtTempat.Text
+"','0','"+  Pertanyaan1Lvl0.Text  +"','"+  comboNilai1Lvl0.Text  +"','"+
lblTotalLvl0.Text +"')",con);
                        cmd.ExecuteNonQuery();
                        SqlCommand   cmd1   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','0','" + Pertanyaan2Lvl0.Text + "','" + comboNilai2Lvl0.Text + "','" +
lblTotalLvl0.Text + "')", con);
                        cmd1.ExecuteNonQuery();

                        //lvl1
                        SqlCommand   cmd3   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','1','" + Pertanyaan1Lvl1.Text + "','" + comboNilai1Lvl1.Text + "','" +
lblTotalLvl1.Text + "')", con);
                        cmd3.ExecuteNonQuery();
                        SqlCommand   cmd4   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
```

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"','1','" + Pertanyaan2Lvl1.Text + "','" + comboNilai2Lvl1.Text + "','" +
lblTotalLvl1.Text + "')", con);
                        cmd4.ExecuteNonQuery();
                        SqlCommand  cmd5  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','1','" + Pertanyaan3Lvl1.Text + "','" + comboNilai3Lvl1.Text + "','" +
lblTotalLvl1.Text + "')", con);
                        cmd5.ExecuteNonQuery();
                        SqlCommand  cmd6  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','1','" + Pertanyaan4Lvl1.Text + "','" + comboNilai4Lvl1.Text + "','" +
lblTotalLvl1.Text + "')", con);
                        cmd6.ExecuteNonQuery();
                        SqlCommand  cmd7  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','1','" + Pertanyaan5Lvl1.Text + "','" + comboNilai5Lvl1.Text + "','" +
lblTotalLvl1.Text + "')", con);
                        cmd7.ExecuteNonQuery();

                        //lvl2
                        SqlCommand  cmd8  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','2','" + Pertanyaan1Lvl2.Text + "','" + comboNilai1Lvl2.Text + "','" +
lblTotalLvl2.Text + "')", con);
                        cmd8.ExecuteNonQuery();
                        SqlCommand  cmd9  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','2','" + Pertanyaan2Lvl2.Text + "','" + comboNilai2Lvl2.Text + "','" +
lblTotalLvl2.Text + "')", con);
                        cmd9.ExecuteNonQuery();
                        SqlCommand  cmd10  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','2','" + Pertanyaan3Lvl2.Text + "','" + comboNilai3Lvl2.Text + "','" +
lblTotalLvl2.Text + "')", con);
                        cmd10.ExecuteNonQuery();
                        SqlCommand  cmd11  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','2','" + Pertanyaan4Lvl2.Text + "','" + comboNilai4Lvl2.Text + "','" +
lblTotalLvl2.Text + "')", con);
                        cmd11.ExecuteNonQuery();

                        //lvl3
                        SqlCommand  cmd12  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','3','" + Pertanyaan1Lvl3.Text + "','" + comboNilai1Lvl3.Text + "','" +
lblTotalLvl3.Text + "')", con);
                        cmd12.ExecuteNonQuery();
                        SqlCommand  cmd13  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','3','" + Pertanyaan2Lvl3.Text + "','" + comboNilai2Lvl3.Text + "','" +
lblTotalLvl3.Text + "')", con);
                        cmd13.ExecuteNonQuery();
                        SqlCommand  cmd14  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','3','" + Pertanyaan3Lvl3.Text + "','" + comboNilai3Lvl3.Text + "','" +
lblTotalLvl3.Text + "')", con);
                        cmd14.ExecuteNonQuery();
```

```
                SqlCommand   cmd15   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','3','" + Pertanyaan4Lvl3.Text + "','" + comboNilai4Lvl3.Text + "','" +
lblTotalLvl3.Text + "')", con);
                cmd15.ExecuteNonQuery();
                SqlCommand   cmd16   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','3','" + Pertanyaan5Lvl3.Text + "','" + comboNilai5Lvl3.Text + "','" +
lblTotalLvl3.Text + "')", con);
                cmd16.ExecuteNonQuery();
                SqlCommand   cmd17   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','3','" + Pertanyaan6Lvl3.Text + "','" + comboNilai6Lvl3.Text + "','" +
lblTotalLvl3.Text + "')", con);
                cmd17.ExecuteNonQuery();
                SqlCommand   cmd18   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','3','" + Pertanyaan7Lvl3.Text + "','" + comboNilai7Lvl3.Text + "','" +
lblTotalLvl3.Text + "')", con);
                cmd18.ExecuteNonQuery();

                //lvl4
                SqlCommand   cmd19   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','4','" + Pertanyaan1Lvl4.Text + "','" + comboNilai1Lvl4.Text + "','" +
lblTotalLvl4.Text + "')", con);
                cmd19.ExecuteNonQuery();
                SqlCommand   cmd20   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','4','" + Pertanyaan2Lvl4.Text + "','" + comboNilai2Lvl4.Text + "','" +
lblTotalLvl4.Text + "')", con);
                cmd20.ExecuteNonQuery();
                SqlCommand   cmd21   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','4','" + Pertanyaan3Lvl4.Text + "','" + comboNilai3Lvl4.Text + "','" +
lblTotalLvl4.Text + "')", con);
                cmd21.ExecuteNonQuery();
                SqlCommand   cmd22   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','4','" + Pertanyaan4Lvl4.Text + "','" + comboNilai4Lvl4.Text + "','" +
lblTotalLvl4.Text + "')", con);
                cmd22.ExecuteNonQuery();
                SqlCommand   cmd23   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','4','" + Pertanyaan5Lvl4.Text + "','" + comboNilai5Lvl4.Text + "','" +
lblTotalLvl4.Text + "')", con);
                cmd23.ExecuteNonQuery();
                SqlCommand   cmd24   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','4','" + Pertanyaan6Lvl4.Text + "','" + comboNilai6Lvl4.Text + "','" +
lblTotalLvl4.Text + "')", con);
                cmd24.ExecuteNonQuery();

                //lvl5
                SqlCommand   cmd25   =   new   SqlCommand("Insert   into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
```

```
"','5','" + Pertanyaan1Lvl5.Text + "','" + comboNilai1Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd25.ExecuteNonQuery();
                        SqlCommand  cmd26  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','5','" + Pertanyaan2Lvl5.Text + "','" + comboNilai2Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd26.ExecuteNonQuery();
                        SqlCommand  cmd27  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','5','" + Pertanyaan3Lvl5.Text + "','" + comboNilai3Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd27.ExecuteNonQuery();
                        SqlCommand  cmd28  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','5','" + Pertanyaan4Lvl5.Text + "','" + comboNilai4Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd28.ExecuteNonQuery();
                        SqlCommand  cmd29  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','5','" + Pertanyaan5Lvl5.Text + "','" + comboNilai5Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd29.ExecuteNonQuery();
                        SqlCommand  cmd30  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','5','" + Pertanyaan6Lvl5.Text + "','" + comboNilai6Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd30.ExecuteNonQuery();
                        SqlCommand  cmd31  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','5','" + Pertanyaan7Lvl5.Text + "','" + comboNilai7Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd31.ExecuteNonQuery();
                        SqlCommand  cmd32  =  new  SqlCommand("Insert  into
dbo.tblKuisioner values('" + comboProsesTI.Text + "','" + txtTempat.Text +
"','5','" + Pertanyaan8Lvl5.Text + "','" + comboNilai8Lvl5.Text + "','" +
lblTotalLvl5.Text + "')", con);
                        cmd32.ExecuteNonQuery();


                        con.Close();

                        //perhitungan
                        C1.Text = Math.Round((Double.Parse(lblTotalLvl0.Text)
/ Double.Parse("2")), 2).ToString();
                        C2.Text = Math.Round((Double.Parse(lblTotalLvl1.Text)
/ Double.Parse("5")), 2).ToString();
                        C3.Text = Math.Round((Double.Parse(lblTotalLvl2.Text)
/ Double.Parse("4")), 2).ToString();
                        C4.Text = Math.Round((Double.Parse(lblTotalLvl3.Text)
/ Double.Parse("7")), 2).ToString();
                        C5.Text = Math.Round((Double.Parse(lblTotalLvl4.Text)
/ Double.Parse("6")), 2).ToString();
                        C6.Text = Math.Round((Double.Parse(lblTotalLvl5.Text)
/ Double.Parse("8")), 2).ToString();
```

```csharp
                        TOTALC.Text   =   Math.Round((Double.Parse(C1.Text)   +
Double.Parse(C1.Text)  +  Double.Parse(C1.Text)  +  Double.Parse(C1.Text)  +
Double.Parse(C1.Text) + Double.Parse(C1.Text)), 2).ToString();

                        D1.Text    =    Math.Round((Double.Parse(C1.Text)    /
Double.Parse(TOTALC.Text)), 2).ToString();
                        D2.Text    =    Math.Round((Double.Parse(C2.Text)    /
Double.Parse(TOTALC.Text)), 2).ToString();
                        D3.Text    =    Math.Round((Double.Parse(C3.Text)    /
Double.Parse(TOTALC.Text)), 2).ToString();
                        D4.Text    =    Math.Round((Double.Parse(C4.Text)    /
Double.Parse(TOTALC.Text)), 2).ToString();
                        D5.Text    =    Math.Round((Double.Parse(C5.Text)    /
Double.Parse(TOTALC.Text)), 2).ToString();
                        D6.Text    =    Math.Round((Double.Parse(C6.Text)    /
Double.Parse(TOTALC.Text)), 2).ToString();

                        Kontribusi1.Text = Math.Round((Double.Parse(D1.Text) *
Double.Parse("0")), 2).ToString();
                        Kontribusi2.Text = Math.Round((Double.Parse(D2.Text) *
Double.Parse("1")), 2).ToString();
                        Kontribusi3.Text = Math.Round((Double.Parse(D3.Text) *
Double.Parse("2")), 2).ToString();
                        Kontribusi4.Text = Math.Round((Double.Parse(D4.Text) *
Double.Parse("3")), 2).ToString();
                        Kontribusi5.Text = Math.Round((Double.Parse(D5.Text) *
Double.Parse("4")), 2).ToString();
                        Kontribusi6.Text = Math.Round((Double.Parse(D6.Text) *
Double.Parse("5")), 2).ToString();

                        MaturityValue.Text                                  =
Math.Round((Double.Parse(Kontribusi1.Text) + Double.Parse(Kontribusi2.Text)
+  Double.Parse(Kontribusi3.Text)  +  Double.Parse(Kontribusi4.Text)  +
Double.Parse(Kontribusi5.Text)     +     Double.Parse(Kontribusi6.Text)),
2).ToString();

                        //memasukan hasil dan perumusan perhitungan maturity
value ke database
                        try
                        {
                           SqlConnection       connection       =       new
SqlConnection(ConString);
                           connection.Open();

                           SqlCommand cmd33 = new SqlCommand("Insert  into
dbo.tblHasil values('0','" + lblTotalLvl0.Text + "','2','" + C1.Text + "','"
+ D1.Text + "','" + Kontribusi1.Text + "')", connection);
                           cmd33.ExecuteNonQuery();

                           SqlCommand cmd34 = new SqlCommand("Insert  into
dbo.tblHasil values('1','" + lblTotalLvl1.Text + "','5','" + C2.Text + "','"
+ D2.Text + "','" + Kontribusi2.Text + "')", connection);
                           cmd34.ExecuteNonQuery();

                           SqlCommand cmd35 = new SqlCommand("Insert  into
dbo.tblHasil values('2','" + lblTotalLvl2.Text + "','4','" + C3.Text + "','"
+ D3.Text + "','" + Kontribusi3.Text + "')", connection);
```

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```
                    cmd35.ExecuteNonQuery();

                    SqlCommand cmd36 = new SqlCommand("Insert into
dbo.tblHasil values('3','" + lblTotalLvl3.Text + "','7','" + C4.Text + "','"
+ D4.Text + "','" + Kontribusi4.Text + "')", connection);
                    cmd36.ExecuteNonQuery();

                    SqlCommand cmd37 = new SqlCommand("Insert into
dbo.tblHasil values('4','" + lblTotalLvl4.Text + "','6','" + C5.Text + "','"
+ D5.Text + "','" + Kontribusi5.Text + "')", connection);
                    cmd37.ExecuteNonQuery();

                    SqlCommand cmd38 = new SqlCommand("Insert into
dbo.tblHasil values('5','" + lblTotalLvl5.Text + "','8','" + C6.Text + "','"
+ D6.Text + "','" + Kontribusi6.Text + "')", connection);
                    cmd38.ExecuteNonQuery();

                    connection.Close();
                }
                catch (Exception x)
                {
                    MessageBox.Show("Error");
                    MessageBox.Show(x.Message);
                }

                formLaporanHasilKuisioner       next      =      new
formLaporanHasilKuisioner(MaturityValue.Text,txtTempat.Text,comboProsesTI.T
ext,lblWaktu.Text,lblNama.Text,lblTotalLvl0.Text,lblTotalLvl1.Text,lblTotal
Lvl2.Text,lblTotalLvl3.Text,lblTotalLvl4.Text,lblTotalLvl5.Text);
                    this.Hide();
                    next.Show();

                    SqlConnection conn = new SqlConnection(ConString);
                    conn.Open();

                    SqlCommand cmdtempat = new SqlCommand("insert into
dbo.tblTempat values('" + comboProsesTI.Text + "','" + txtTempat.Text + "','"
+ MaturityValue.Text + "','" + lblWaktu.Text + "','" + lblNama.Text + "') ",
conn);
                    cmdtempat.ExecuteNonQuery();
                    conn.Close();
                }
                catch (Exception x)
                {
                    MessageBox.Show("Error");
                    MessageBox.Show(x.Message);
                }
            }
        }

        private void btnLanjut_Click(object sender, EventArgs e)
        {
            fillKuisioner();
        }

        private void formUtama_Load(object sender, EventArgs e)
        {
```

```csharp
            String a = DateTime.Now.ToLongDateString();

            lblWaktu.Text =  a +"   "+ DateTime.Now.ToShortTimeString();
            lblProses.Text = comboProsesTI.Text;
            SqlConnection con = new SqlConnection(ConString);
            con.Open();

            SqlCommand cmd2 = new SqlCommand("truncate table tblHasil",
con);
            cmd2.ExecuteNonQuery();

        }

        private void comboNilai1_KeyPress(object sender, KeyPressEventArgs
e)
        {
            if (e.KeyChar != 13)
            {
                MessageBox.Show("Pilihlah 'NIlai' dari daftar yang telah
disediakan!", "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning);
                e.KeyChar = (char)0;
            }
        }

        void RefreshForm()
        {
            comboNilai1Lvl0.Text = "0";
            comboNilai2Lvl0.Text = "0";

            comboNilai1Lvl1.Text = "0";
            comboNilai2Lvl1.Text = "0";
            comboNilai3Lvl1.Text = "0";
            comboNilai4Lvl1.Text = "0";
            comboNilai5Lvl1.Text = "0";

            comboNilai1Lvl2.Text = "0";
            comboNilai2Lvl2.Text = "0";
            comboNilai3Lvl2.Text = "0";
            comboNilai4Lvl2.Text = "0";

            comboNilai1Lvl3.Text = "0";
            comboNilai2Lvl3.Text = "0";
            comboNilai3Lvl3.Text = "0";
            comboNilai4Lvl3.Text = "0";
            comboNilai5Lvl3.Text = "0";
            comboNilai6Lvl3.Text = "0";
            comboNilai7Lvl3.Text = "0";

            comboNilai1Lvl4.Text = "0";
            comboNilai2Lvl4.Text = "0";
            comboNilai3Lvl4.Text = "0";
            comboNilai4Lvl4.Text = "0";
            comboNilai5Lvl4.Text = "0";
            comboNilai6Lvl4.Text = "0";

            comboNilai1Lvl5.Text = "0";
            comboNilai2Lvl5.Text = "0";
```

```csharp
            comboNilai3Lvl5.Text = "0";
            comboNilai4Lvl5.Text = "0";
            comboNilai5Lvl5.Text = "0";
            comboNilai6Lvl5.Text = "0";
            comboNilai7Lvl5.Text = "0";
            comboNilai8Lvl5.Text = "0";


            lblTotalLvl0.Visible = false;
            lblTotalLvl1.Visible = false;
            lblTotalLvl2.Visible = false;
            lblTotalLvl3.Visible = false;
            lblTotalLvl4.Visible = false;
            lblTotalLvl5.Visible = false;

            lblTotalLvl0.Text = "";
            lblTotalLvl1.Text = "";
            lblTotalLvl2.Text = "";
            lblTotalLvl3.Text = "";
            lblTotalLvl4.Text = "";
            lblTotalLvl5.Text = "";

            txtTempat.Enabled = false;
            txtTempat.Text = "";
        }

        private void btnReset_Click(object sender, EventArgs e)
        {
            RefreshForm();
        }

        private void tabLevel0_Enter(object sender, EventArgs e)
        {
            lblLevel.Text = "0";
        }

        private void tabLevel1_Enter(object sender, EventArgs e)
        {
            lblLevel.Text = "1";
        }

        private   void   comboNilai1_SelectedIndexChanged(object   sender,
EventArgs e)
        {
            lblTotalLvl0.Visible = true;
            //lblTotal.Text = comboNilai1.Text + comboNilai2.Text;

            lblTotalLvl0.Text  =  (Double.Parse(comboNilai1Lvl0.Text)  +
Double.Parse(comboNilai2Lvl0.Text)).ToString();
        }

        private void comboNilai1Lvl1_SelectedIndexChanged(object sender,
EventArgs e)
        {
            lblTotalLvl1.Visible = true;
```

```csharp
            lblTotalLvl1.Text  =  (Double.Parse(comboNilai1Lvl1.Text)  +
Double.Parse(comboNilai3Lvl1.Text)   + Double.Parse(comboNilai5Lvl1.Text) +
Double.Parse(comboNilai4Lvl1.Text)                                       +
Double.Parse(comboNilai2Lvl1.Text)).ToString();
        }

        private void comboNilai1Lvl2_SelectedIndexChanged(object sender,
EventArgs e)
        {
            lblTotalLvl2.Visible = true;

            lblTotalLvl2.Text  =  (Double.Parse(comboNilai1Lvl2.Text)  +
Double.Parse(comboNilai3Lvl2.Text)  +  Double.Parse(comboNilai4Lvl2.Text)  +
Double.Parse(comboNilai2Lvl2.Text)).ToString();

        }

        private void tabLevel2_Enter(object sender, EventArgs e)
        {
            lblLevel.Text = "2";
        }

        private void tabLevel3_Enter(object sender, EventArgs e)
        {
            lblLevel.Text = "3";
        }

        private void tabLevel4_Enter(object sender, EventArgs e)
        {
            lblLevel.Text = "4";
        }

        private void tabLevel5_Enter(object sender, EventArgs e)
        {
            lblLevel.Text = "5";
        }

        private void comboNilai1Lvl3_SelectedIndexChanged(object sender,
EventArgs e)
        {
            lblTotalLvl3.Visible = true;

            lblTotalLvl3.Text  =  (Double.Parse(comboNilai1Lvl3.Text)  +
Double.Parse(comboNilai3Lvl3.Text)  +  Double.Parse(comboNilai5Lvl3.Text)  +
Double.Parse(comboNilai4Lvl3.Text)  +  Double.Parse(comboNilai6Lvl3.Text)  +
Double.Parse(comboNilai7Lvl3.Text)                                       +
Double.Parse(comboNilai2Lvl3.Text)).ToString();

        }

        private void comboNilai1Lvl5_SelectedIndexChanged(object sender,
EventArgs e)
        {
            lblTotalLvl5.Visible = true;

            lblTotalLvl5.Text  =  (Double.Parse(comboNilai1Lvl5.Text)  +
Double.Parse(comboNilai3Lvl5.Text)  +  Double.Parse(comboNilai5Lvl5.Text)  +
```

```
Double.Parse(comboNilai4Lvl5.Text)  +  Double.Parse(comboNilai6Lvl5.Text)  +
Double.Parse(comboNilai7Lvl5.Text)  +  Double.Parse(comboNilai8Lvl5.Text)  +
Double.Parse(comboNilai2Lvl5.Text)).ToString();

        }

        private void comboNilai1Lvl4_SelectedIndexChanged(object sender,
EventArgs e)
        {
            lblTotalLvl4.Visible = true;

            lblTotalLvl4.Text   =   (Double.Parse(comboNilai1Lvl4.Text)   +
Double.Parse(comboNilai3Lvl4.Text)  +  Double.Parse(comboNilai5Lvl4.Text)  +
Double.Parse(comboNilai4Lvl4.Text)  +  Double.Parse(comboNilai6Lvl4.Text)  +
Double.Parse(comboNilai2Lvl4.Text)).ToString();

        }
    }

    }
```