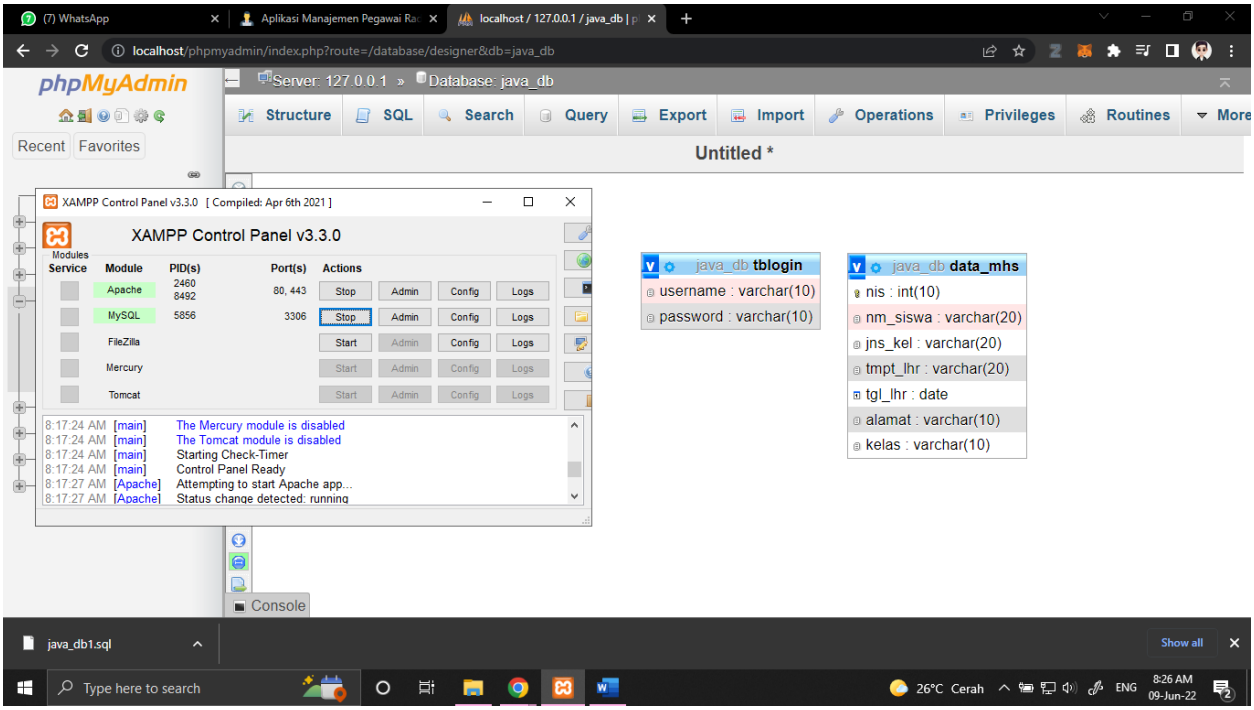
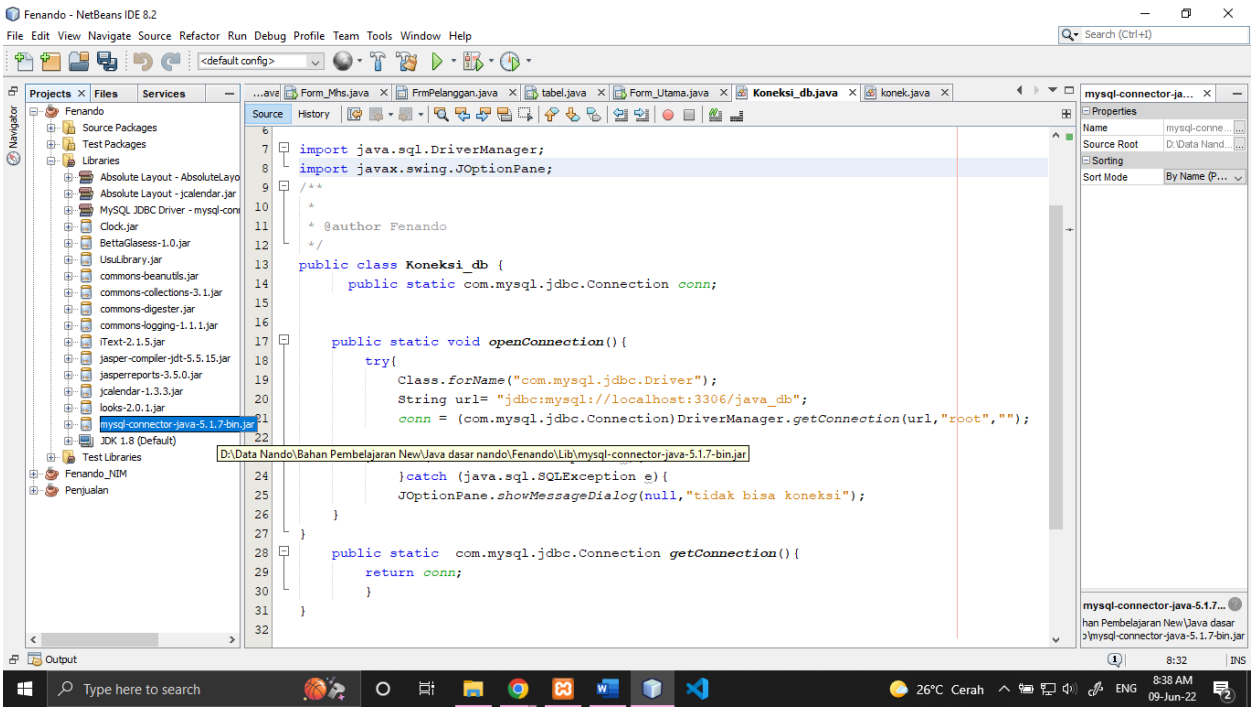
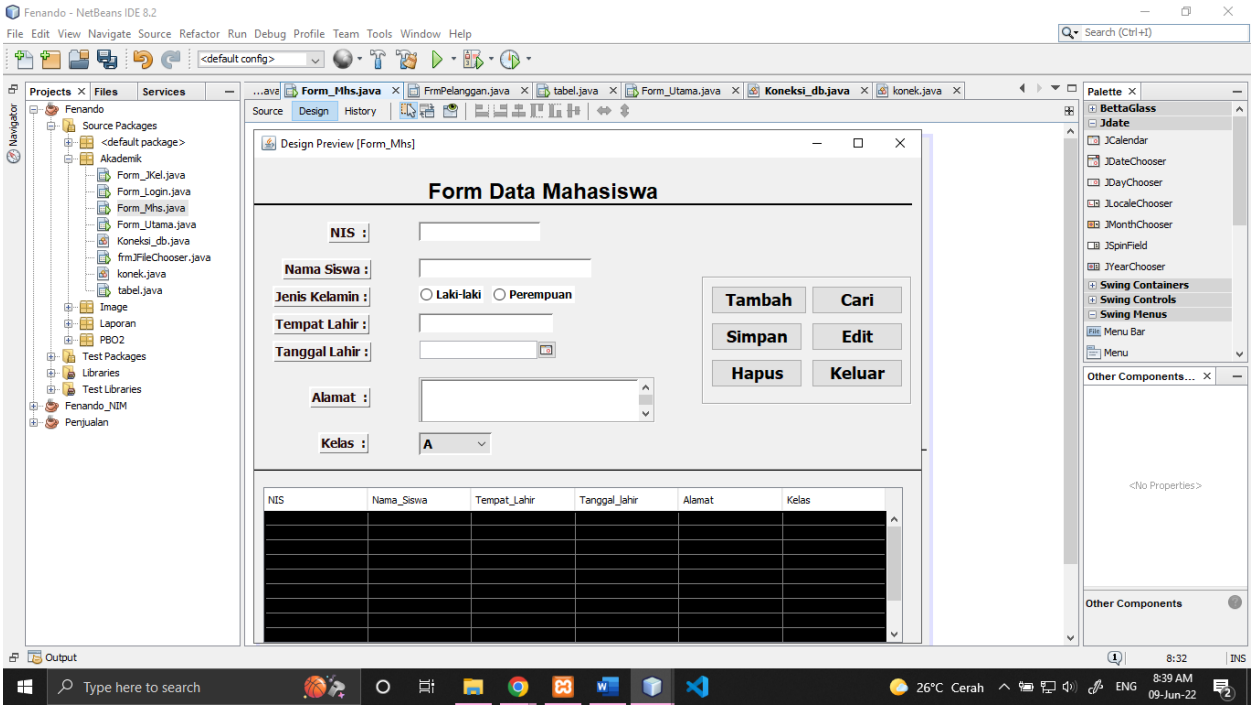
CRUD



Koneksi ke databases

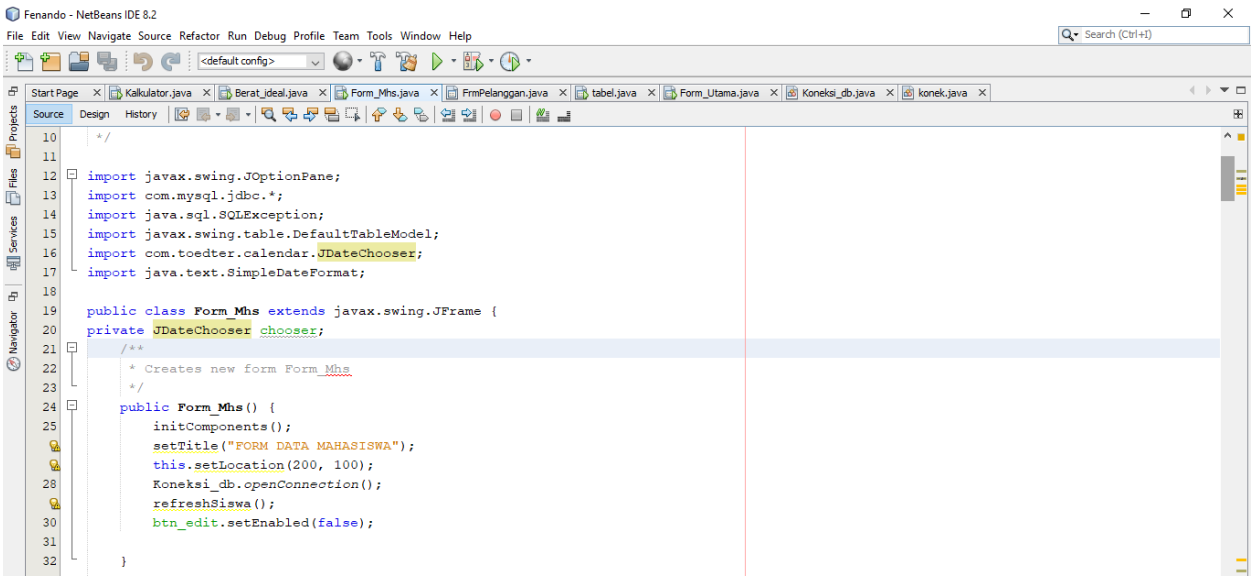


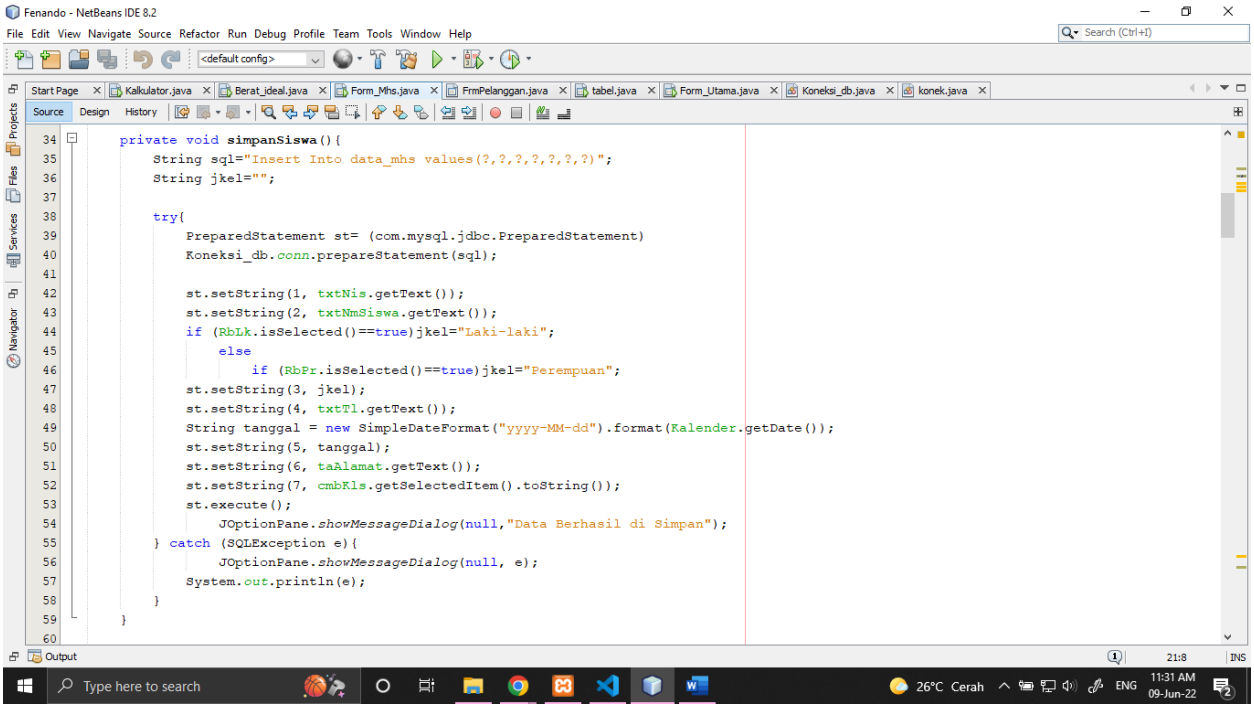
Form_Mhs.java

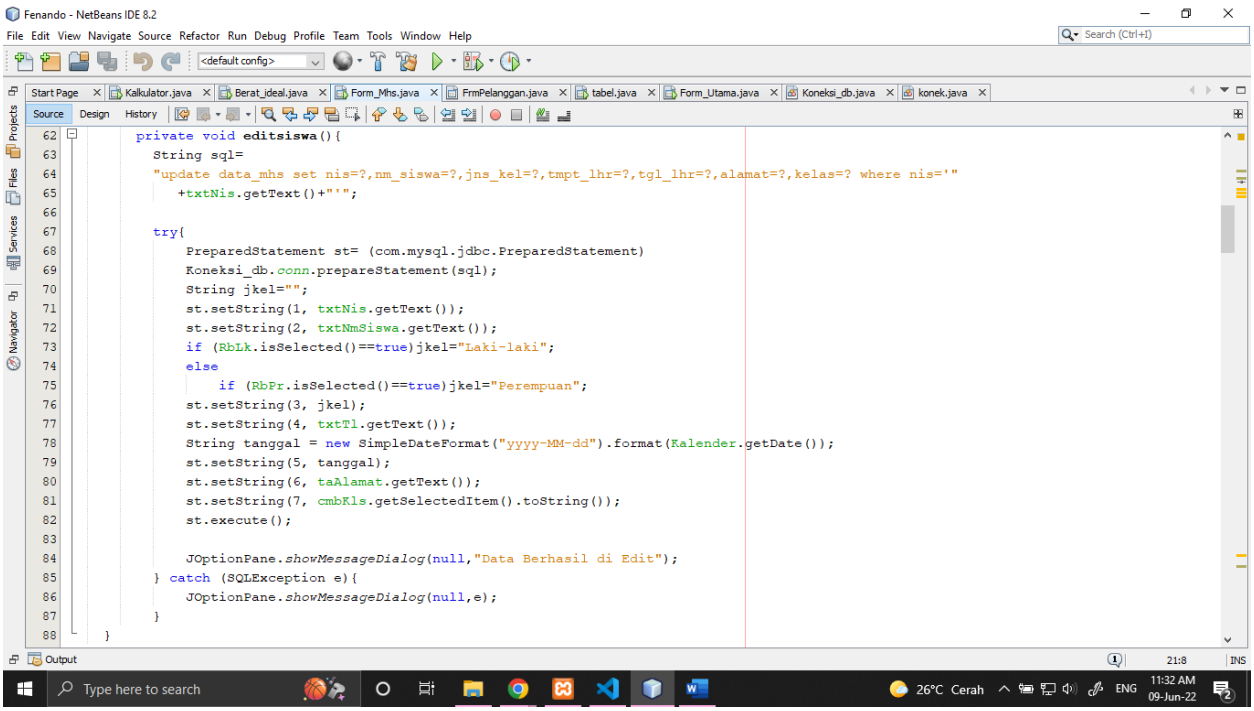


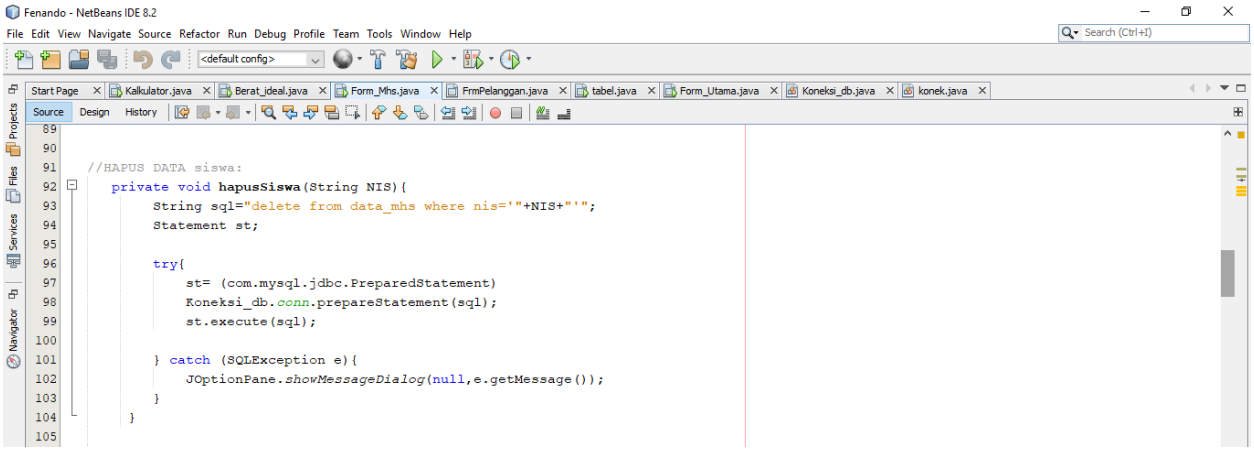
Ket gambar:

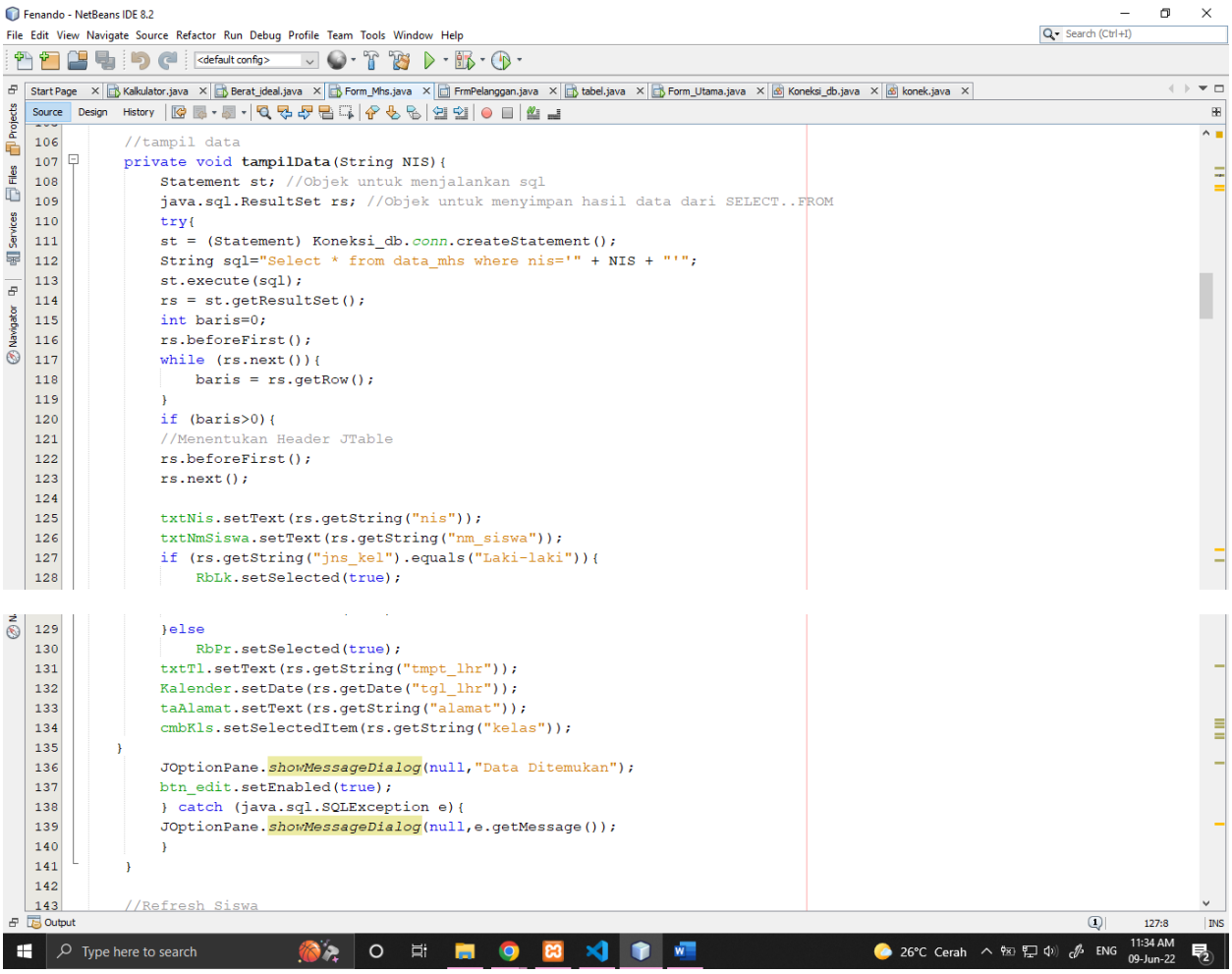
txtNis	btn_tambah
txtNmSiswa	btn_cari
RbLk	btn_simpan
RbPr	btn_edit
txtTl	btn_hapus
Kalender	btn_keluar
taAlamat	jTable1
cmbKls	

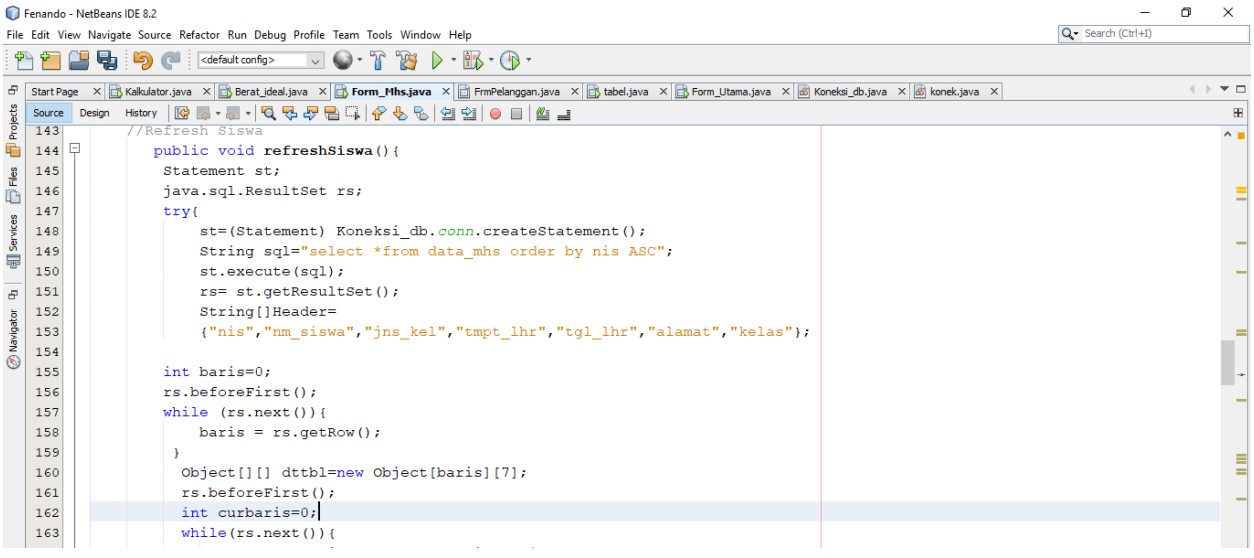

Fenando - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Start Page | Kalkulator.java | Berat_ideal.java | Form_Mhs.java | FrmPelanggan.java | tabel.java | Form_Utama.java | Koneksi_db.java | konek.java
Source Design History
Projects Files Services Navigator
10 */
11
12 import javax.swing.JOptionPane;
13 import com.mysql.jdbc.*;
14 import java.sql.SQLException;
15 import javax.swing.table.DefaultTableModel;
16 import com.toedter.calendar.JDateChooser;
17 import java.text.SimpleDateFormat;
18
19 public class Form_Mhs extends javax.swing.JFrame {
20 private JDateChooser chooser;
21 /**
22 * Creates new form Form_Mhs
23 */
24 public Form_Mhs() {
25 initComponents();
26 setTitle("FORM DATA MAHASISWA");
27 this.setLocation(200, 100);
28 Koneksi_db.openConnection();
29 refreshSiswa();
30 btn_edit.setEnabled(false);
31
32 }


Fenando - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Start Page | Kalkulator.java | Berat_ideal.java | Form_Mhs.java | FrmPelanggan.java | tabel.java | Form_Utama.java | Koneksi_db.java | konek.java
Source Design History
Projects Files Services Navigator
34 private void simpanSiswa(){
35 String sql="Insert Into data_mhs values(?,?,?,?,?,?,?)";
36 String jkel="";
37
38 try{
39 PreparedStatement st= (com.mysql.jdbc.PreparedStatement)
40 Koneksi_db.conn.prepareStatement(sql);
41
42 st.setString(1, txtNis.getText());
43 st.setString(2, txtNmSiswa.getText());
44 if (RbLk.isSelected()==true)jkel="Laki-laki";
45 else
46 if (RbPr.isSelected()==true)jkel="Perempuan";
47 st.setString(3, jkel);
48 st.setString(4, txtTl.getText());
49 String tanggal = new SimpleDateFormat("yyyy-MM-dd").format(Kalender.getDate());
50 st.setString(5, tanggal);
51 st.setString(6, taAlamat.getText());
52 st.setString(7, cmbKls.getSelectedItem().toString());
53 st.execute();
54 JOptionPane.showMessageDialog(null,"Data Berhasil di Simpan");
55 } catch (SQLException e){
56 JOptionPane.showMessageDialog(null, e);
57 System.out.println(e);
58 }
59 }
60
Output
21:8 INS
Type here to search
26°C Cerah
ENG
11:31 AM
09-Jun-22


Fenando - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Start Page | Kalkulator.java | Berat_ideal.java | Form_Mhs.java | FrmPelanggan.java | tabel.java | Form_Utama.java | Koneksi_db.java | konek.java
Source Design History
Projects Files Services Navigator
62 private void editsiswa(){
63 String sql=
64 "update data_mhs set nis=?,nm_siswa=?,jns_kel=?,tmpt_lhr=?,tgl_lhr=?,alamat=?,kelas=? where nis='"
65 +txtNis.getText()+"'";
66
67 try{
68 PreparedStatement st= (com.mysql.jdbc.PreparedStatement)
69 Koneksi_db.conn.prepareStatement(sql);
70 String jkel="";
71 st.setString(1, txtNis.getText());
72 st.setString(2, txtNmSiswa.getText());
73 if (RbLk.isSelected()==true)jkel="Laki-laki";
74 else
75 if (RbPr.isSelected()==true)jkel="Perempuan";
76 st.setString(3, jkel);
77 st.setString(4, txtTl.getText());
78 String tanggal = new SimpleDateFormat("yyyy-MM-dd").format(Kalender.getDate());
79 st.setString(5, tanggal);
80 st.setString(6, taAlamat.getText());
81 st.setString(7, cmbKls.getSelectedItem().toString());
82 st.execute();
83
84 JOptionPane.showMessageDialog(null,"Data Berhasil di Edit");
85 } catch (SQLException e){
86 JOptionPane.showMessageDialog(null,e);
87 }
88 }
Output
21:8 INS
Type here to search
26°C Cerah
ENG
11:32 AM
09-Jun-22


Fenando - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Start Page | Kalkulator.java | Berat_ideal.java | Form_Mhs.java | FrmPelanggan.java | tabel.java | Form_Utama.java | Koneksi_db.java | konek.java
Source Design History
Projects Files Services Navigator
89
90
91 //HAPUS DATA siswa:
92 private void hapusSiswa(String NIS){
93 String sql="delete from data_mhs where nis='"+NIS+"'";
94 Statement st;
95
96 try{
97 st= (com.mysql.jdbc.PreparedStatement)
98 Koneksi_db.conn.prepareStatement(sql);
99 st.execute(sql);
100
101 } catch (SQLException e){
102 JOptionPane.showMessageDialog(null,e.getMessage());
103 }
104 }
105


Fenando - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Start Page Kalkulator.java Berat_ideal.java Form_Mhs.java FrmPelanggan.java tabel.java Form_Utama.java Koneksi_db.java konek.java
Source Design History
106 //tampil data
107 private void tampilData(String NIS){
108 Statement st; //Objek untuk menjalankan sql
109 java.sql.ResultSet rs; //Objek untuk menyimpan hasil data dari SELECT..FROM
110 try{
111 st = (Statement) Koneksi_db.conn.createStatement();
112 String sql="Select * from data_mhs where nis='" + NIS + "'";
113 st.execute(sql);
114 rs = st.getResultSet();
115 int baris=0;
116 rs.beforeFirst();
117 while (rs.next()){
118 baris = rs.getRow();
119 }
120 if (baris>0){
121 //Menentukan Header JTable
122 rs.beforeFirst();
123 rs.next();
124
125 txtNis.setText(rs.getString("nis"));
126 txtNmSiswa.setText(rs.getString("nm_siswa"));
127 if (rs.getString("jns_kel").equals("Laki-laki")){
128 RbLk.setSelected(true);
129 }else
130 RbPr.setSelected(true);
131 txtTl.setText(rs.getString("tmpt_lhr"));
132 Kalender.setDate(rs.getDate("tgl_lhr"));
133 taAlamat.setText(rs.getString("alamat"));
134 cmbKls.setSelectedItem(rs.getString("kelas"));
135 }
136 JOptionPane.showMessageDialog(null,"Data Ditemukan");
137 btn_edit.setEnabled(true);
138 } catch (java.sql.SQLException e){
139 JOptionPane.showMessageDialog(null,e.getMessage());
140 }
141 }
142
143 //Refresh Siswa
Output
127:8 INS
Type here to search
26°C Cerah
ENG
11:34 AM
09-Jun-22


Fenando - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Start Page Kalkulator.java Berat_ideal.java Form_Mhs.java FrmPelanggan.java tabel.java Form_Utama.java Koneksi_db.java konek.java
Source Design History
143 //Refresh Siswa
144 public void refreshSiswa(){
145 Statement st;
146 java.sql.ResultSet rs;
147 try{
148 st=(Statement) Koneksi_db.conn.createStatement();
149 String sql="select *from data_mhs order by nis ASC";
150 st.execute(sql);
151 rs= st.getResultSet();
152 String[]Header=
153 {"nis","nm_siswa","jns_kel","tmpt_lhr","tgl_lhr","alamat","kelas"};
154
155 int baris=0;
156 rs.beforeFirst();
157 while (rs.next()){
158 baris = rs.getRow();
159 }
160 Object[][] dttbl=new Object[baris][7];
161 rs.beforeFirst();
162 int curbaris=0;
163 while(rs.next()){

```
            while(rs.next()){
                dttbl[curbaris][0]=rs.getString("nis");
                dttbl[curbaris][1]=rs.getString("nm_siswa");
                dttbl[curbaris][2]=rs.getString("jns_kel");
                dttbl[curbaris][3]=rs.getString("tmpt_lhr");
                dttbl[curbaris][4]=rs.getString("tgl_lhr");
                dttbl[curbaris][5]=rs.getString("alamat");
                dttbl[curbaris][6]=rs.getString("kelas");
                curbaris++;
            }
            jTable1.setModel(new DefaultTableModel(dttbl,Header));
            }
            catch (java.sql.SQLException e){
              JOptionPane.showMessageDialog(null,e.getMessage());
            }
        }
```

```
private void cleardata(){
        txtNis.setText("");
        txtNmSiswa.setText("");
        BgJk.clearSelection();
        txtTl.setText("");
        taAlamat.setText("");
        cmbKls.setSelectedIndex(-1);
        txtNis.requestFocus();
        btn_edit.setEnabled(false);
        txtNis.setEnabled(true);
}
```

Fenando - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

<default config>

Start Page | Kalkulator.java | Berat_ideal.java | **Form_Mhs.java** | FrmPelanggan.java | tabel.java | Form_Utama.java | Koneksi_db.java | konek.java

Source Design History

```
    private void btn_tambahActionPerformed(java.awt.event.ActionEvent evt) {
// Coding button tambah:
        this.requestFocus();
        cleardata();

    }
```

Fenando - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

<default config>

Start Page | Kalkulator.java | Berat_ideal.java | **Form_Mhs.java** | FrmPelanggan.java | tabel.java | Form_Utama.java | Koneksi_db.java | konek.java

Source Design History

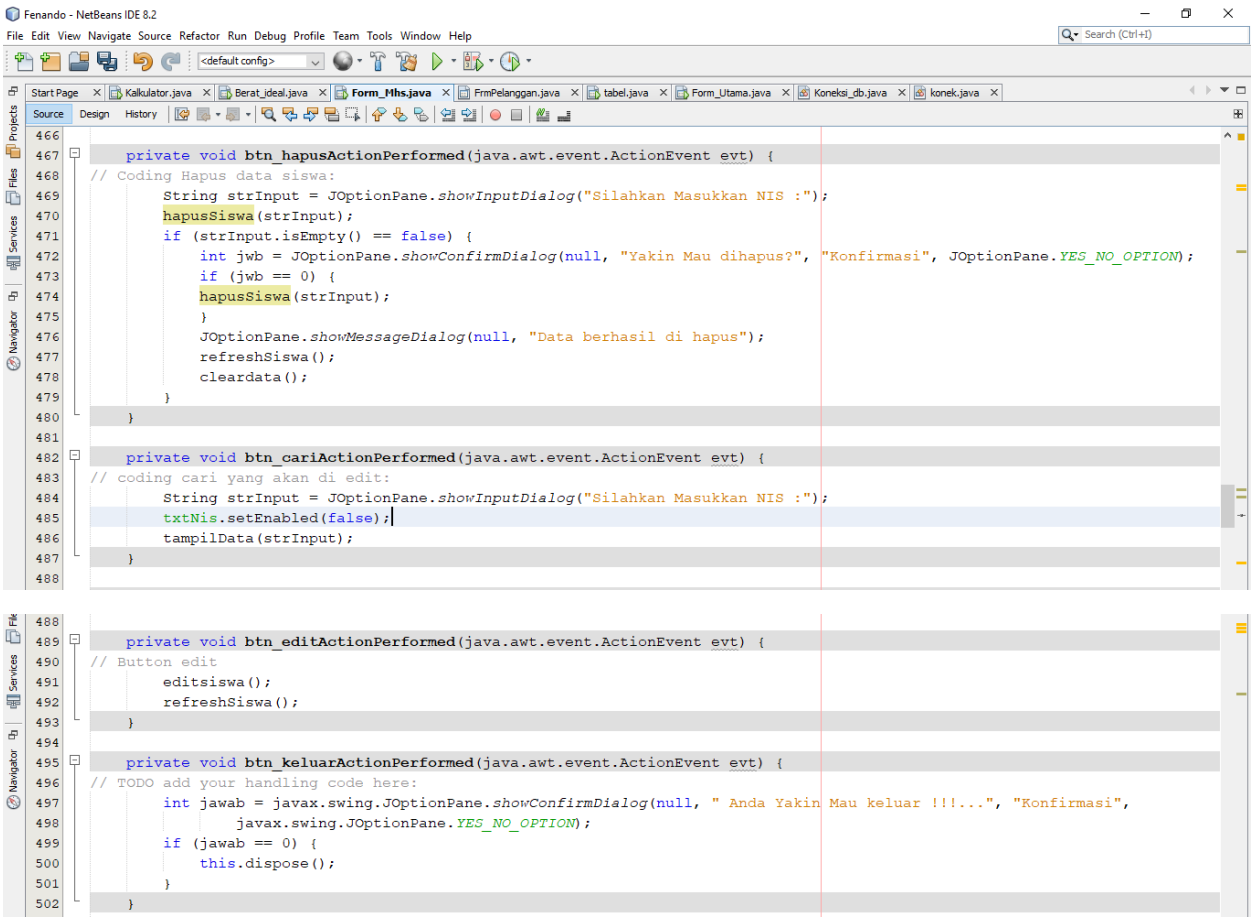
```
    private void btn_simpanActionPerformed(java.awt.event.ActionEvent evt) {
// Coding Simpan data siswa:
        if (txtNis.getText().equals("")) {
            JOptionPane.showMessageDialog(null, "NIS kosong");
            txtNis.requestFocus();
        } else if (txtNmSiswa.getText().equals("")) {
            JOptionPane.showMessageDialog(null, "Nama Siswa kosong");
            txtNmSiswa.requestFocus();
        } else if ((RbLk.isSelected() == false) && (RbPr.isSelected() == false)) {
            JOptionPane.showMessageDialog(null, "Jenis Kelamin kosong");
            RbLk.requestFocus();
        }
        if (txtTl.getText().equals("")) {
            JOptionPane.showMessageDialog(null, "Tempat Lahir kosong");
            txtTl.requestFocus();
        } else if (taAlamat.getText().equals("")) {
            JOptionPane.showMessageDialog(null, "Alamat kosong");
            taAlamat.requestFocus();
        } else {
            refreshSiswa();
            simpanSiswa();
            refreshSiswa();
        }
    }
```

Output

162:26 INS

Type here to search

26°C Cerah ENG 11:38 AM 09-Jun-22


Fenando - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Start Page
Kalkulator.java
Berat_ideal.java
Form_Mhs.java
FrmPelanggan.java
tabel.java
Form_Utama.java
Koneksi_db.java
konek.java
Source
Design
History
Projects
Files
Services
Navigator
466
467 private void btn_hapusActionPerformed(java.awt.event.ActionEvent evt) {
468 // Coding Hapus data siswa:
469 String strInput = JOptionPane.showInputDialog("Silahkan Masukkan NIS :");
470 hapusSiswa(strInput);
471 if (strInput.isEmpty() == false) {
472 int jwb = JOptionPane.showConfirmDialog(null, "Yakin Mau dihapus?", "Konfirmasi", JOptionPane.YES_NO_OPTION);
473 if (jwb == 0) {
474 hapusSiswa(strInput);
475 }
476 JOptionPane.showMessageDialog(null, "Data berhasil di hapus");
477 refreshSiswa();
478 cleardata();
479 }
480 }
481
482 private void btn_cariActionPerformed(java.awt.event.ActionEvent evt) {
483 // coding cari yang akan di edit:
484 String strInput = JOptionPane.showInputDialog("Silahkan Masukkan NIS :");
485 txtNis.setEnabled(false);
486 tampilData(strInput);
487 }
488
488
489 private void btn_editActionPerformed(java.awt.event.ActionEvent evt) {
490 // Button edit
491 editsiswa();
492 refreshSiswa();
493 }
494
495 private void btn_keluarActionPerformed(java.awt.event.ActionEvent evt) {
496 // TODO add your handling code here:
497 int jawab = javax.swing.JOptionPane.showConfirmDialog(null, " Anda Yakin Mau keluar !!!...", "Konfirmasi",
498 javax.swing.JOptionPane.YES_NO_OPTION);
499 if (jawab == 0) {
500 this.dispose();
501 }
502 }