HASIL PRAKTIKUM MODUL 8 BAHASA PEMROGRAMAN 1

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Kelas : TINFC-2022-01

POSTTEST :

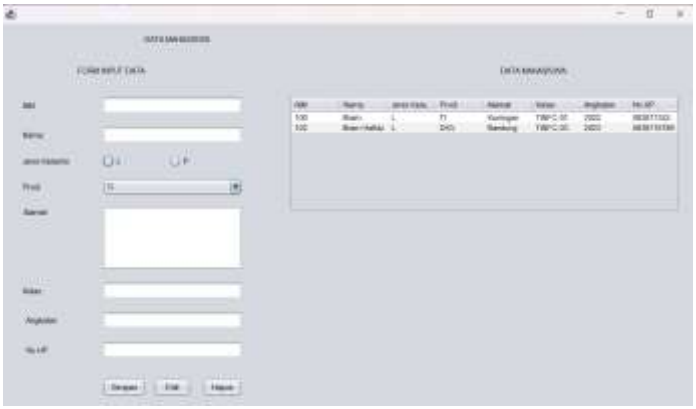
1. Lengkapi program, jika tombol Edit di klik akan menampilkan message dialog YesNoQuestion untuk edit data

```
// berikut adalah tambahan program pada fungsi event mouse clicked button edit

private void buttonEditMouseClicked(java.awt.event.MouseEvent evt)
{
      int confirmSelected= JOptionPane.showConfirmDialog(
            null,
            "Apakah Yakin Data Mahasiswa dengan NIM" +
textFieldNIM.getText() + " akan diedit?",
            "Konfirmasi Edit",
            JOptionPane.YES_NO_OPTION
         );

      if(confirmSelected == 0){
         try {
            String jk= "";
            if(radioButtonPerempuan.isSelected()){
               jk= radioButtonPerempuan.getText();
            } else{
               jk= radioButtonLakiLaki.getText();
            }

            String sql_edit=
                  "UPDATE mhs SET "
                  + "nim='" + textFieldNIM.getText() + "', "
                  + "nama= '" + textFieldNama.getText() + "', "
                  + "jk= '" + jk + "', "
                  + "prodi= '" + comboBoxProdi.getSelectedItem() + "', "
                  + "alamat= '" + textAreaAlamat.getText() + "' , "
                  + "kelas= '" + textFieldKelas.getText() + "' , "
```

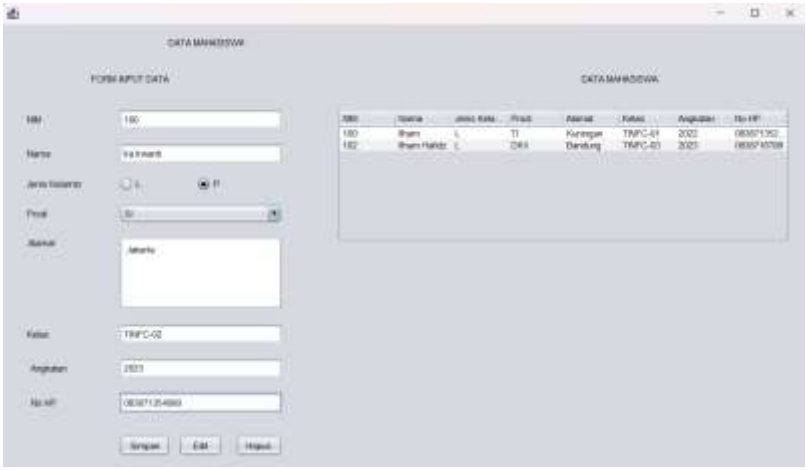
```
                    + "angkatan= '" + textFieldAngkatan.getText() + "' , "
                    + "hp= '" + textFieldHP.getText() + "' "
                    + "WHERE nim='" + textFieldNIM.getText() + "'";

            st.executeUpdate(sql_edit);
            JOptionPane.showMessageDialog(null, "Data mahasiswa berhasil di
update");
          } catch (SQLException e){
            JOptionPane.showMessageDialog(null, e);
          }
       } else{
          JOptionPane.showMessageDialog(null, "Edit dibatalkan");
       }
    }
```

Output :

- Kondisi Form awal

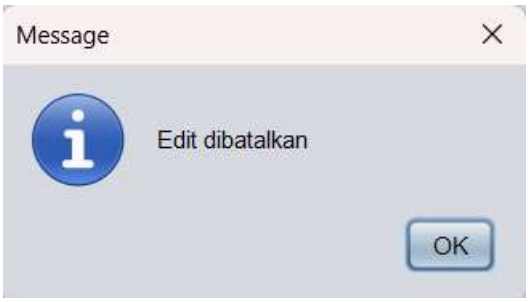


- Isi Form Edit Data



- Jika klik button edit

- Jika klik no pada pop up “konfirmasi edit” maka



- Jika klik yes pada pop up “konfirmasi edit” maka

- Data berhasil di edit

NIM	Nama	Jenis Kela...	Prodi	Alamat	Kelas	Angkatan	No.HP
100	Ira Irwanti	P	SI	Jakarta	TINFC-02	2023	083871354...
102	Ilham Hafidz	L	DKV	Bandung	TINFC-03	2023	0838716789

2. Lengkapi program, jika tombol Hapus di klik akan menampilkan message dialog YesNoQuestion untuk hapus data

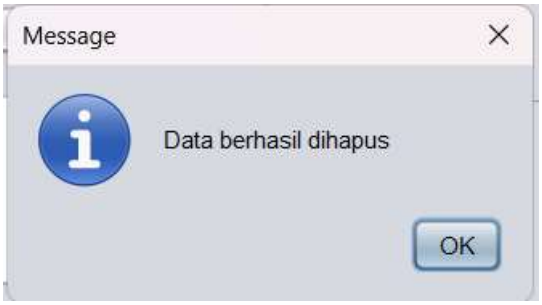
```
// berikut adalah tambahan program pada fungsi event mouse clicked button hapus

private void buttonHapusMouseClicked(java.awt.event.MouseEvent evt)
{
      int confirmDelete= JOptionPane.showConfirmDialog(
            null,
            "Apakah Yakin Data Mahasiswa dengan NIM " +
textFieldNIM.getText() + " akan dihapus?",
            "Konfirmasi Hapus",
            JOptionPane.YES_NO_OPTION
         );

      if(confirmDelete == 0){
         try{
            st= koneksi.con.createStatement();
            String sql_delete = "DELETE FROM mhs WHERE nim= '" +
textFieldNIM.getText() + "'";

            st.executeUpdate(sql_delete);

            JOptionPane.showMessageDialog(null, "Data berhasil dihapus");
         } catch (SQLException e){
            JOptionPane.showMessageDialog(null, e);
         }
      } else{
         JOptionPane.showMessageDialog(null, "Hapus dibatalkan");
      }
   }
```

Output :

- Ketika mencoba menghapus data dengan klik tombol hapus

- Ketika klik no pada pop up “Konfirmasi Hapus”

- Ketika klik yesy pada pop up “Konfirmasi Hapus”



- Data berhasil dihapus

NIM	Nama	Jenis Kela...	Prodi	Alamat	Kelas	Angkatan	No.HP
102	Ilham Hafidz	L	DKV	Bandung	TINFC-03	2023	0838716789

3. Lengkapi program, jika tombol Edit/Hapus di klik Form Input Data akan kembali kosong seperti kondisi awal.
4. Setelah edit/hapus, maka JTable akan melakukan Load Data

```
// untuk reset form dan load data, karena untuk reset form dan meload data sudah saya masukkan kedalam sebuah method, sehingga saya hanya cukup memanggil method reset() dan load_data() saja didalam

 private void buttonEditMouseClicked(java.awt.event.MouseEvent evt)
{
        int confirmSelected= JOptionPane.showConfirmDialog(
                null,
                "Apakah Yakin Data Mahasiswa dengan NIM " +
textFieldNIM.getText() + " akan diedit?",
                "Konfirmasi Edit",
                JOptionPane.YES_NO_OPTION
```

```
            );

        if(confirmSelected == 0){
            try {
                String jk= "";
                if(radioButtonPerempuan.isSelected()){
                    jk= radioButtonPerempuan.getText();
                } else{
                    jk= radioButtonLakiLaki.getText();
                }

                String sql_edit=
                        "UPDATE mhs SET "
                        + "nim='" + textFieldNIM.getText() + "', "
                        + "nama= '" + textFieldNama.getText() + "', "
                        + "jk= '" + jk + "', "
                        + "prodi= '" + comboBoxProdi.getSelectedItem() + "', "
                        + "alamat= '" + textAreaAlamat.getText() + "' , "
                        + "kelas= '" + textFieldKelas.getText() + "' , "
                        + "angkatan= '" + textFieldAngkatan.getText() + "' , "
                        + "hp= '" + textFieldHP.getText() + "' "
                        + "WHERE nim='" + textFieldNIM.getText() + "'";

                st.executeUpdate(sql_edit);
                JOptionPane.showMessageDialog(null, "Data mahasiswa berhasil
di update");

                reset();
                load_data();
            } catch (SQLException e){
                JOptionPane.showMessageDialog(null, e);
            }
        } else{
            JOptionPane.showMessageDialog(null, "Edit dibatalkan");
        }
    }

    private void buttonHapusMouseClicked(java.awt.event.MouseEvent evt)
{
        int confirmDelete= JOptionPane.showConfirmDialog(
                null,
                "Apakah Yakin Data Mahasiswa dengan NIM " +
textFieldNIM.getText() + " akan dihapus?",
                "Konfirmasi Hapus",
                JOptionPane.YES_NO_OPTION
            );
```

```
      if(confirmDelete == 0){
         try{
            st= koneksi.con.createStatement();
            String sql_delete = "DELETE FROM mhs WHERE nim= '" +
textFieldNIM.getText() + "'";

            st.executeUpdate(sql_delete);

            JOptionPane.showMessageDialog(null, "Data berhasil dihapus");

            reset();
            load_data();
         } catch (SQLException e){
            JOptionPane.showMessageDialog(null, e);
         }
      } else{
         JOptionPane.showMessageDialog(null, "Hapus dibatalkan");
      }
   }
```

KESELURUHAN PROGRAM :

File : BP1_M8_IlhamHafidz.java

```
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import java.sql.SQLException;


public class BP1_M8_IlhamHafidz extends javax.swing.JFrame {


   Statement st;
   ResultSet rs;
   koneksi koneksi;


   public BP1_M8_IlhamHafidz() {
      koneksi= new koneksi();
```

```
        initComponents();

        load_data();
    }

    private void load_data(){
        Object header[]= {"NIM", "Nama", "Jenis Kelamin", "Prodi", "Alamat", "Kelas",
"Angkatan", "No.HP"};
        DefaultTableModel data= new DefaultTableModel(null, header);
        tableDataMahasiswa.setModel(data);

        String sql= "SELECT * FROM mhs";

        try{
            st= koneksi.con.createStatement();
            rs= st.executeQuery(sql);

            while(rs.next()){
                String k1= rs.getString(1);
                String k2= rs.getString(2);
                String k3= rs.getString(3);
                String k4= rs.getString(4);
                String k5= rs.getString(5);
                String k6= rs.getString(6);
                String k7= rs.getString(7);
                String k8= rs.getString(8);

                String k[]= {k1, k2, k3, k4, k5, k6, k7, k8};
                data.addRow(k);
            }
        } catch(SQLException e) {
            JOptionPane.showMessageDialog(null, e);
        }
    }

    private void input_data(){
```

```
    try {
        String jk= "";
        if(radioButtonPerempuan.isSelected()){
            jk= radioButtonPerempuan.getText();
        } else{
            jk= radioButtonLakiLaki.getText();
        }

        String sql= "INSERT INTO mhs VALUES('"+
                textFieldNIM.getText() + "', '" +
                textFieldNama.getText() + "', '" +
                jk + "', '" +
                comboBoxProdi.getSelectedItem() + "', '" +
                textAreaAlamat.getText() + "', '" +
                textFieldKelas.getText() +"', '" +
                textFieldAngkatan.getText() + "', '" +
                textFieldHP.getText() + "')";

        st.execute(sql);
        load_data();

        JOptionPane.showMessageDialog(null, "Data Mahasiswa Berhasil Diinput");
    } catch (SQLException e){
        JOptionPane.showMessageDialog(null, e);
    }
}

private void reset(){
    textFieldNIM.setText("");
    textFieldNama.setText("");
    comboBoxProdi.setSelectedItem("TI");
    textAreaAlamat.setText("");
    textFieldKelas.setText("");
    textFieldAngkatan.setText("");
    textFieldHP.setText("");
}
```

```
private void check(){
    String nim= textFieldNIM.getText();
    String nama= textFieldNama.getText();
    String kelas= textFieldKelas.getText();
    String angkatan= textFieldAngkatan.getText();
    String hp= textFieldHP.getText();
    String alamat = textAreaAlamat.getText();

    if(
        nim.equals("") ||
        nama.equals("") ||
        kelas.equals("") ||
        angkatan.equals("") ||
        hp.equals("") ||
        alamat.equals("")
    ){
        JOptionPane.showMessageDialog(
            null,
            "Harap isi semua inputan",
            "Tambah Data Gagal",
            JOptionPane.ERROR_MESSAGE
        );
    } else{
        input_data();
    }
}

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

    labelTitle = new javax.swing.JLabel();
    labelSubtitle = new javax.swing.JLabel();
    labelNIM = new javax.swing.JLabel();
    labelNama = new javax.swing.JLabel();
```

```
        labelJenisKelamin = new javax.swing.JLabel();
        labelProdi = new javax.swing.JLabel();
        labelAlamat = new javax.swing.JLabel();
        textFieldNIM = new javax.swing.JTextField();
        textFieldNama = new javax.swing.JTextField();
        jScrollPane1 = new javax.swing.JScrollPane();
        textAreaAlamat = new javax.swing.JTextArea();
        comboBoxProdi = new javax.swing.JComboBox<>();
        radioButtonLakiLaki = new javax.swing.JRadioButton();
        radioButtonPerempuan = new javax.swing.JRadioButton();
        buttonSimpan = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jScrollPane2 = new javax.swing.JScrollPane();
        tableDataMahasiswa = new javax.swing.JTable();
        labelKelas = new javax.swing.JLabel();
        textFieldKelas = new javax.swing.JTextField();
        labelAngkatan = new javax.swing.JLabel();
        textFieldAngkatan = new javax.swing.JTextField();
        labelNoHP = new javax.swing.JLabel();
        textFieldHP = new javax.swing.JTextField();
        buttonEdit = new javax.swing.JButton();
        buttonHapus = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        labelTitle.setText("DATA MAHASISWA");

        labelSubtitle.setText("FORM INPUT DATA");

        labelNIM.setText("NIM");

        labelNama.setText("Nama");

        labelJenisKelamin.setText("Jenis Kelamin");

        labelProdi.setText("Prodi");
```

```
        labelAlamat.setText("Alamat");

        textAreaAlamat.setColumns(20);
        textAreaAlamat.setRows(5);
        textAreaAlamat.setPreferredSize(new java.awt.Dimension(60, 84));
        jScrollPane1.setViewportView(textAreaAlamat);

        comboBoxProdi.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"TI", "SI", "DKV", "MI", "TS", " " }));

        radioButtonLakiLaki.setText("L");

        radioButtonPerempuan.setText("P");

        buttonSimpan.setText("Simpan");
        buttonSimpan.addMouseListener(new java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                buttonSimpanMouseClicked(evt);
            }
        });

        jLabel1.setText("DATA MAHASISWA");

        tableDataMahasiswa.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] {
                {null, null, null, null},
                {null, null, null, null},
                {null, null, null, null},
                {null, null, null, null}
            },
            new String [] {
                "Title 1", "Title 2", "Title 3", "Title 4"
            }
        ));
        jScrollPane2.setViewportView(tableDataMahasiswa);
```

```
        labelKelas.setText("Kelas");

        labelAngkatan.setText("Angkatan");

        labelNoHP.setText("No HP");

        buttonEdit.setText("Edit");
        buttonEdit.addMouseListener(new java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                buttonEditMouseClicked(evt);
            }
        });

        buttonHapus.setText("Hapus");
        buttonHapus.addMouseListener(new java.awt.event.MouseAdapter() {
            public void mouseClicked(java.awt.event.MouseEvent evt) {
                buttonHapusMouseClicked(evt);
            }
        });

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(223, 223, 223)
                .addComponent(labelTitle)
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(119, 119, 119)
                        .addComponent(labelSubtitle))
                    .addGroup(layout.createSequentialGroup()
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(34, 34, 34)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(labelNIM,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(labelNama,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(labelProdi,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(labelJenisKelamin)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                            .addComponent(labelKelas,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(labelAlamat)))
                        .addGap(51, 51, 51))
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                        .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(labelNoHP,
javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(labelAngkatan))
                        .addGap(71, 71, 71)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(radioButtonLakiLaki,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                        .addComponent(radioButtonPerempuan,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addComponent(textFieldNama)
                    .addComponent(textFieldNIM)
                    .addComponent(jScrollPane1)
                    .addComponent(comboBoxProdi, 0,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(buttonSimpan)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                        .addComponent(buttonEdit, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addGap(18, 18, 18)
                        .addComponent(buttonHapus))
                    .addComponent(textFieldKelas)
                    .addComponent(textFieldAngkatan)
                    .addComponent(textFieldHP))))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 74,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addComponent(jLabel1)
                    .addGap(202, 202, 202))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                    .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
607, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(25, 25, 25))))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(16, 16, 16)
```

```
            .addComponent(labelTitle)
            .addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(labelSubtitle)
                .addComponent(jLabel1))
            .addGap(32, 32, 32)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
179, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(labelNIM)
                        .addComponent(textFieldNIM,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(labelNama)
                        .addComponent(textFieldNama,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(labelJenisKelamin)
                        .addComponent(radioButtonLakiLaki)
                        .addComponent(radioButtonPerempuan))
                    .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(labelProdi)
                        .addComponent(comboBoxProdi,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(18, 18, 18)
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(labelAlamat)
                    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(textFieldKelas,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(labelKelas))))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(labelAngkatan)
                .addComponent(textFieldAngkatan,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(labelNoHP)
                .addComponent(textFieldHP, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 30,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(buttonSimpan)
                .addComponent(buttonEdit)
                .addComponent(buttonHapus))
            .addGap(20, 20, 20))
        );

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

```
    private void buttonSimpanMouseClicked(java.awt.event.MouseEvent evt) {
        int confirmSelected= JOptionPane.showConfirmDialog(
                null,
                "Apakah Yakin Data Mahasiswa akan ditambahkan?",
                "Konfirmasi",
                JOptionPane.YES_NO_OPTION
            );

        if(confirmSelected == 0){
            check();
        }

        reset();
    }

    private void buttonEditMouseClicked(java.awt.event.MouseEvent evt) {
         int confirmSelected= JOptionPane.showConfirmDialog(
                null,
                "Apakah Yakin Data Mahasiswa dengan NIM " + textFieldNIM.getText() + " akan
diedit?",
                "Konfirmasi Edit",
                JOptionPane.YES_NO_OPTION
            );

        if(confirmSelected == 0){
            try {
                String jk= "";
                if(radioButtonPerempuan.isSelected()){
                    jk= radioButtonPerempuan.getText();
                } else{
                    jk= radioButtonLakiLaki.getText();
                }

                String sql_edit=
                        "UPDATE mhs SET "
                        + "nim='" + textFieldNIM.getText() + "', "
```

```
                    + "nama= '" + textFieldNama.getText() + "', "
                    + "jk= '" + jk + "', "
                    + "prodi= '" + comboBoxProdi.getSelectedItem() + "', "
                    + "alamat= '" + textAreaAlamat.getText() + "' , "
                    + "kelas= '" + textFieldKelas.getText() + "' , "
                    + "angkatan= '" + textFieldAngkatan.getText() + "' , "
                    + "hp= '" + textFieldHP.getText() + "' "
                    + "WHERE nim='" + textFieldNIM.getText() + "'";

            st.executeUpdate(sql_edit);
            JOptionPane.showMessageDialog(null, "Data mahasiswa berhasil di update");

            reset();
            load_data();
        } catch (SQLException e){
            JOptionPane.showMessageDialog(null, e);
        }
    } else{
        JOptionPane.showMessageDialog(null, "Edit dibatalkan");
    }
  }

  private void buttonHapusMouseClicked(java.awt.event.MouseEvent evt) {
    int confirmDelete= JOptionPane.showConfirmDialog(
            null,
            "Apakah Yakin Data Mahasiswa dengan NIM " + textFieldNIM.getText() + " akan
dihapus?",
            "Konfirmasi Hapus",
            JOptionPane.YES_NO_OPTION
        );

    if(confirmDelete == 0){
        try{
            st= koneksi.con.createStatement();
            String sql_delete = "DELETE FROM mhs WHERE nim= '" +
textFieldNIM.getText() + "'";
```

```
            st.executeUpdate(sql_delete);

            JOptionPane.showMessageDialog(null, "Data berhasil dihapus");

            reset();
            load_data();
          } catch (SQLException e){
            JOptionPane.showMessageDialog(null, e);
          }
        } else{
          JOptionPane.showMessageDialog(null, "Hapus dibatalkan");
        }
    }

    public static void main(String args[]) {
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(BP1_M8_IlhamHafidz.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(BP1_M8_IlhamHafidz.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(BP1_M8_IlhamHafidz.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(BP1_M8_IlhamHafidz.class.getName()).log(java.util.loggi
```

```
ng.Level.SEVERE, null, ex);
        }

        java.awt.EventQueue.invokeLater(new Runnable() {
            public void run() {
                new BP1_M8_IlhamHafidz().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton buttonEdit;
    private javax.swing.JButton buttonHapus;
    private javax.swing.JButton buttonSimpan;
    private javax.swing.JComboBox<String> comboBoxProdi;
    private javax.swing.JLabel jLabel1;
    private javax.swing.JScrollPane jScrollPane1;
    private javax.swing.JScrollPane jScrollPane2;
    private javax.swing.JLabel labelAlamat;
    private javax.swing.JLabel labelAngkatan;
    private javax.swing.JLabel labelJenisKelamin;
    private javax.swing.JLabel labelKelas;
    private javax.swing.JLabel labelNIM;
    private javax.swing.JLabel labelNama;
    private javax.swing.JLabel labelNoHP;
    private javax.swing.JLabel labelProdi;
    private javax.swing.JLabel labelSubtitle;
    private javax.swing.JLabel labelTitle;
    private javax.swing.JRadioButton radioButtonLakiLaki;
    private javax.swing.JRadioButton radioButtonPerempuan;
    private javax.swing.JTable tableDataMahasiswa;
    private javax.swing.JTextArea textAreaAlamat;
    private javax.swing.JTextField textFieldAngkatan;
    private javax.swing.JTextField textFieldHP;
    private javax.swing.JTextField textFieldKelas;
    private javax.swing.JTextField textFieldNIM;
```

```
    private javax.swing.JTextField textFieldNama;
    // End of variables declaration
}
```