DATABASEMAHSISWA

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

public class DatabaseMahasiswa extends javax.swing.JFrame {

DefaultTableModel model;

public DatabaseMahasiswa() {

initComponents();

String [] judul ={"NIM","Nama","TanggalLahir","Jurusan","Alamat"};

model =new DefaultTableModel (judul,0);

table.setModel (model);

tampilkan ();

}

// dimulai dari sini

private void datatable() {

DefaultTableModel tbl = new DefaultTableModel();

tbl.addColumn("NIM");

tbl.addColumn("Nama");

tbl.addColumn("TanggalLahir");

tbl.addColumn("Jurusan");

tbl.addColumn("Alamat");

{

}

}

private void bHapusActionPerformed(java.awt.event.ActionEvent evt) {

String NIM = txtNIM.getText();

String Nama = txtNama.getText();

try{

JOptionPane.showMessageDialog(null, "Data Berhasil di Hapus");

txtNIM.setText("");

txtNama.setText("");

txtTanggalLahir.setText("");

txtJurusan.setText("");

txtAlamat.setText("");

txtNIM.requestFocus();

}catch (Exception t){

JOptionPane.showMessageDialog(null, "Data Gagal di Hapus");

}

}

private void bTambahActionPerformed(java.awt.event.ActionEvent evt) {

try {

Connection cn = DriverManager.getConnection("jdbc:mysql://localhost/universitas","root","");

cn.createStatement().executeUpdate("insert into database mahasiswa values"+"('"+NIM.getText()+"','"+Nama.getText()+"','"+TanggalLahir.getText()+"','"+Jurusan.getText()+"','"+Alamat.getText()+"')");

tampilkan ();

} catch (SQLException ex) {

JOptionPane.showMessageDialog(null, "Ada yang belum di isi!");

}

}

private void bUbahActionPerformed(java.awt.event.ActionEvent evt) {

if(bUbah.getText() == "bUbah"){

txtNIM.requestFocus();

}else{

String NIM = txtNIM.getText();

String Nama = txtNama.getText();

String TanggalLahir = txtTanggalLahir.getText();

String Jurusan = txtJurusan.getText();

String Alamat = txtAlamat.getText();

try{

JOptionPane.showMessageDialog(null, "Data Berhasil diubah");

}catch (Exception t){

JOptionPane.showMessageDialog(null, "Data Gagal diubah");

}

datatable();

}

}

private void bCetakActionPerformed(java.awt.event.ActionEvent evt) {

txtNIM.setText("");

txtNama.setText("");

txtTanggalLahir.setText("");

txtJurusan.setText("");

txtAlamat.setText("");

txtNIM.requestFocus();

try{

JOptionPane.showMessageDialog(null, "Data Berhasil dicetak");

}catch (Exception t){

JOptionPane.showMessageDialog(null, "Data Gagal dicetak");

}

}

private void tableAncestorAdded(javax.swing.event.AncestorEvent evt) {

int i = table.getSelectedRow();

if (i == -1){

return;

}

String NIM = (String) table.getValueAt(i, 0);

txtNIM.setText(NIM);

String Nama = (String) table.getValueAt(i, 1);

txtNama.setText(Nama);

String TanggalLahir = (String) table.getValueAt(i, 1);

txtTanggalLahir.setText(TanggalLahir);

String Jurusan = (String) table.getValueAt(i, 1);

txtJurusan.setText(Jurusan);

String Alamat = (String) table.getValueAt(i, 4);

txtAlamat.setText(Alamat);

}

private void tampilkan() {

int row = table.getRowCount();

for(int a= 0; a<row;a++){

model.removeRow(0);

}

try {

Connection cn = DriverManager.getConnection("jdbc:mysql//localhost/universitas","root","");

ResultSet mahasiswa = cn.createStatement().executeQuery("SELECT \* FROM database mahasiswa");

while(mahasiswa.next()){

String data []= {mahasiswa.getString(1),mahasiswa.getString(2),mahasiswa.getString(3),mahasiswa.getString(4),mahasiswa.getString(5)};

model.addRow(data);

}

} catch (SQLException ex){

Logger.getLogger(DatabaseMahasiswa.class.getName()).log(Level.SEVERE, null, ex);

}

}

}