Assignment 8

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import java.awt.\*;

import java.awt.event.\*;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.\*;

public class Jdbc\_odbc extends JFrame implements

ActionListener{

JFrame f;

JLabel l1, l2,l3,l4;

JTextField t1, t2,t3;

JButton b1, b2, b3, b4, b5;

Connection c;

Statement s;

ResultSet r;

Jdbc\_odbc()

{

try

{

f=new JFrame("Student Form");

f.setLayout(null);f.setVisible(true);

f.setSize(700, 500);

l4=new JLabel("Student Management System");

l4.setBounds(100, 30, 400, 30);

f.add(l4);

l4.setForeground(Color.***blue***);

l4.setFont(new Font("Serif", Font.***BOLD***,30));

l1=new JLabel("Stud\_RollNo");

l1.setBounds(50, 70, 100, 50);f.add(l1);

l2=new JLabel("Stud\_Name");

l2.setBounds(50, 120, 100, 50);

f.add(l2);

l3=new JLabel("Stud\_Dept");

l3.setBounds(50, 170, 100, 50);

f.add(l3);

t1=new JTextField();

t1.setBounds(150, 90, 100, 30);

f.add(t1);

t2=new JTextField();

t2.setBounds(150, 140, 100, 30);

f.add(t2);t3=new JTextField();

t3.setBounds(150, 190, 100, 30);

f.add(t3);

b1= new JButton("ADD");

b1.setBounds(200, 300, 75, 50);

f.add(b1);

b1.addActionListener(this);

b2= new JButton("EDIT");

b2.setBounds(300, 300, 75, 50);

f.add(b2);

b2.addActionListener(this);

b3= new JButton("DELETE");b3.setBounds(400, 300, 75, 50);

f.add(b3);

b3.addActionListener(this);

b5= new JButton("EXIT");

b5.setBounds(500, 300, 75, 50);

f.add(b5);

b5.addActionListener(this);

Class.*forName*("com.mysql.jdbc.Driver");

c=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/jdbc\_odbc","root","root@123");s=c.createStatement();

}

catch(Exception e)

{

System.***out***.println(e);

}

}

public void actionPerformed(ActionEvent ae){

try{

if(ae.getSource()==b1){

String s1="INSERT INTO result(stud\_RollNo,stud\_Name,stud\_Dept)VALUES("+t1.getText()+",'"+t2.getText()+"','"+t3.getText() + "')";

System.***out***.println(s1);

s.executeUpdate(s1);

r=s.executeQuery("SELECT \* FROM result");

t1.setText("");

t2.setText("");

t3.setText("");

}

else if(ae.getSource()==b2){

String s2="UPDATE user1 SET stud\_Name='"+t2.getText()+"' WHERE stud\_RollNo="+t1.getText();

System.***out***.println(s2);

s.executeUpdate(s2);

r=s.executeQuery("SELECT \* FROM result");

t1.setText("");

t2.setText("");t3.setText("");

}

else if(ae.getSource()==b3){

String s3="DELETE FROM result WHERE stud\_RollNo="+t1.getText();

System.***out***.println(s3);

s.executeUpdate(s3);

r=s.executeQuery("SELECT \* FROM result");

t1.setText("");

t2.setText("");

t3.setText("");

}

else if(ae.getSource()==b5){

System.*exit*(0);

}

}

catch(Exception e){

System.***out***.println(e);

}

}

public static void main(String args[]){

new Jdbc\_odbc();

}

}





