import java.sql.\*;

class db1

{

public static void main(String arg[])

{

Connection con;

PreparedStatement ps;

ResultSet rs;

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con=DriverManager.getConnection("jdbc:ucanaccess://data.accdb");

ps=con.prepareStatement("insert into studata values(?,?,?,?);");

ps.setInt(1,107);

ps.setString(2,"Nishu");

ps.setString(3,"Vishu");

ps.setString(4,"Delhi");

ps.executeUpdate();

System.out.println("Data Added");

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

import java.sql.\*;

import java.awt.\*;

import java.awt.event.\*;

class db2

{

public static void main(String arg[])

{

Connection con;

Statement smt;

ResultSet rs;

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con=DriverManager.getConnection("jdbc:ucanaccess://data.accdb");

smt=con.createStatement();

smt.executeUpdate("insert into studata values(109,'puneet','vaneet','Barnala');");

System.out.println("Data Added");

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

import java.sql.\*;

import java.awt.\*;

import java.awt.event.\*;

class db3 extends Frame implements ActionListener

{

TextField tf1=new TextField(20);

TextField tf2=new TextField(20);

TextField tf3=new TextField(20);

TextField tf4=new TextField(20);

Button b=new Button("SAVE");

db3()

{

super("Database Handling");

setLayout(new FlowLayout(FlowLayout.LEFT,10,10));

add(tf1);

add(tf2);

add(tf3);

add(tf4);

add(b);

setSize(400,400);

setVisible(true);

b.addActionListener(this);

}

public void actionPerformed(ActionEvent ae)

{

if(ae.getSource()==b)

{

Connection con;

Statement smt;

ResultSet rs;

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con=DriverManager.getConnection("jdbc:ucanaccess://data.accdb");

smt=con.createStatement();

smt.executeUpdate("insert into studata values("+tf1.getText()+",'"+tf2.getText()+"','"+tf3.getText()+"','"+tf4.getText()+"');");

System.out.println("Data Added");

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

public static void main(String arg[])

{

db3 obj=new db3();

}

}

import java.sql.\*;

import java.awt.\*;

import java.awt.event.\*;

class db4 extends Frame implements ActionListener,ItemListener

{

Choice tf1=new Choice();

TextField tf2=new TextField(20);

TextField tf3=new TextField(20);

TextField tf4=new TextField(20);

Button b=new Button("SAVE");

Button b1=new Button("UPDATE");

db4()

{

super("Database Handling");

setLayout(null);

tf1.setBounds(100,50,100,25);

tf2.setBounds(100,150,100,25);

tf3.setBounds(100,200,100,25);

tf4.setBounds(100,250,100,25);

b.setBounds(100,300,100,25);

b1.setBounds(250,300,100,25);

add(tf1);

add(tf2);

add(tf3);

add(tf4);

add(b);

add(b1);

setSize(400,400);

setVisible(true);

Connection con;

Statement smt;

ResultSet rs;

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con=DriverManager.getConnection("jdbc:ucanaccess://data.accdb");

smt=con.createStatement();

rs=smt.executeQuery("select roll from studata");

while(rs.next()) {

tf1.addItem(String.valueOf(rs.getInt(1))); }

con.close(); }

catch(Exception e) {

System.out.println(e); }

tf1.addItemListener(this);

b.addActionListener(this);

b1.addActionListener(this);

}

public void itemStateChanged(ItemEvent ie) {

if(ie.getSource()==tf1) {

Connection con;

Statement smt;

ResultSet rs;

try {

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con=DriverManager.getConnection("jdbc:ucanaccess://data.accdb");

smt=con.createStatement();

rs=smt.executeQuery("select \* from studata where roll ="+tf1.getSelectedItem());

while(rs.next())

{

tf2.setText(rs.getString(2));

tf3.setText(rs.getString(3));

tf4.setText(rs.getString(4));

}

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

public void actionPerformed(ActionEvent ae)

{

if(ae.getSource()==b)

{

Connection con;

Statement smt;

ResultSet rs;

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con=DriverManager.getConnection("jdbc:ucanaccess://data.accdb");

smt=con.createStatement();

smt.executeUpdate("");

System.out.println("Data Added");

con.close();

}

catch(Exception e) {

System.out.println(e); } }

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

Connection con;

Statement smt;

ResultSet rs;

try {

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con=DriverManager.getConnection("jdbc:ucanaccess://data.accdb");

smt=con.createStatement();

smt.executeUpdate("update studata set sname='"+tf2.getText()+"', fname='"+tf3.getText()+"', city='"+tf4.getText()+"' where roll="+tf1.getSelectedItem()); System.out.println("Data Added"); con.close(); }

catch(Exception e) {

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

public static void main(String arg[])

{

db4 obj=new db4(); } }