# Program:

package StudentDetails;

import java.awt.\*;

import java.applet.\*;

import java.awt.event.\*;

public class students extends Frame implements ActionListener

{

String str[]=new String[10];

String str1[]=new String[10];

String str2[]=new String[10];

int i,l;

String msg,msg1,msg2,strprev;

Button b1=new Button("save");

Button b2= new Button("Quit");

Button b3= new Button("<<Prev");

Button b4= new Button("next>>");

Label l11=new Label("Student details",Label.CENTER);

Label l1=new Label("Name:",Label.LEFT);

Label p1=new Label("Student id:",Label.LEFT);

Label l2=new Label("Age:",Label.LEFT);

Label l3=new Label("Sex(M/F):",Label.LEFT);

Label l4=new Label("Address:",Label.LEFT);

Label l5=new Label("Course:",Label.LEFT);

Label l6=new Label("Semester:",Label.LEFT);

Label l7=new Label("",Label.RIGHT);

TextField t1=new TextField();

TextField tp=new TextField();

Choice c1=new Choice();

CheckboxGroup cbg=new CheckboxGroup();

Checkbox ck1=new Checkbox("Male",false,cbg);

Checkbox ck2=new Checkbox("Female",false,cbg);

TextArea t2=new TextArea("",180,90,TextArea.SCROLLBARS\_VERTICAL\_ONLY);

Choice course=new Choice();

Choice sem=new Choice();

Choice age=new Choice();

public students()

{

i=0;

l=0;

addWindowListener(new myWindowAdapter());

setBackground(Color.cyan);

setForeground(Color.black);

setLayout(null);

add(l11);

add(l1);

add(p1);

add(l2);

add(l3);

add(l4);

add(l5);

add(l6);

add(l7);

add(t1);

add(tp);

add(t2);

add(ck1);

add(ck2);

add(course);

add(sem);

add(age);

add(b1);

add(b2);

add(b3);

add(b4);

b1.addActionListener(this);

add(b1);

b2.addActionListener(this);

add(b2);

b3.addActionListener(this);

add(b3);

b4.addActionListener(this);

add(b4);

course.add("Btech CIVIL");

course.add("Btech ELECTRONI C");

course.add("Btech COMPUTER C");

course.add("Btech MECHENICAL");

course.add("Btech AEROSPACE");

course.add("Btech ELECTRICAL");

course.add("Btech INSTRUMENTATION");

sem.add("1");

sem.add("2");

sem.add("3");

sem.add("4");

sem.add("5");

sem.add("6");

sem.add("7");

sem.add("8");

age.add("16");

age.add("17");

age.add("18");

age.add("19");

age.add("20");

age.add("21");

age.add("22");

age.add("23");

age.add("24");

l1.setBounds(25,65,90,20);

p1.setBounds(300,65,90,20);

l2.setBounds(25,90,90,20);

l3.setBounds(25,120,90,20);

l4.setBounds(25,185,90,20);

l5.setBounds(25,260,90,20);

l6.setBounds(25,290,90,20);

l7.setBounds(25,260,90,20);

l11.setBounds(10,40,280,20);

t1.setBounds(120,65,170,20);

tp.setBounds(390,65,170,20);

t2.setBounds(120,185,170,60);

ck1.setBounds(120,120,50,20);

ck2.setBounds(170,120,60,20);

course.setBounds(120,260,150,20);

sem.setBounds(120,290,50,20);

age.setBounds(120,90,50,20);

b1.setBounds(120,350,50,30);

b2.setBounds(180,350,50,30);

b3.setBounds(240,350,50,30);

b4.setBounds(300,350,50,30);

}

public void paint(Graphics g)

{

g.drawString(strprev, 100, 450);

g.drawString("Entry number"+(l+1), 100, 480);

g.drawString(str[l],100,500);

g.drawString(str1[l],100,520);

g.drawString(str2[l],100,540);

g.drawString("Data Saved....", 100, 570);

}

public void actionPerformed(ActionEvent ae)

{

if(ae.getActionCommand().equals("save"))

{

strprev="Previous Entry";

msg="name: "+t1.getText();//"Student details saved!";

msg1="Address: "+t2.getText();

msg2="Student ID:"+ tp.getText();

str[i] = t1.getText();

str1[i] = tp.getText();

str2[i] = t2.getText();

l=i;

repaint();

System.out.println("\n\n\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

System.out.println("Entry number: "+(i+1));

System.out.println("name: "+str[i]);

System.out.println("Student ID: "+str1[i]);

System.out.println("Address: "+str2[i]);

i++ ;

t1.setText("");

t2.setText("");

tp.setText("");

setForeground(Color.red); }

else if(ae.getActionCommand().equals("Quit"))

{

System.exit(0);

}

else if(ae.getActionCommand().equals("<<Prev"))

{

l--;

repaint();

}

else if(ae.getActionCommand().equals("next>>"))

{

l++;

repaint();

}

}

public static void main(String g[])

{

students stu=new students();

stu.setSize(new Dimension(700,700));

stu.setTitle("KARUNYA UNIVERSITY COMPUTER SCIENCE RESULT");

stu.setVisible(true);

}

}

class myWindowAdapter extends WindowAdapter

{

public void windowClosing(WindowEvent we)

{

System.exit(0);

}

}

# Output:

