import java.awt.\*;

import java.applet.\*;

import java.awt.event.\*;

public class Marksheet extends Applet implements ActionListener

{

Label lblTitle,lblExam,lblName,lblJava,lblSEN,lblCSE,lblOSY;

TextField txtExam,txtName,txtJava,txtSEN,txtCSE,txtOSY;

Button cmdReport;

int total,resultStatus;

float avg;

Font f1;

public void init()

{

f1 = new Font("Times New Roman",Font.BOLD,18);

setLayout(null);

lblTitle=new Label("Enter Students Details");

lblExam=new Label("Examination: ");

lblName=new Label("Name: ");

lblJava=new Label("JAVA: ");

lblSEN=new Label("SOFTWARE ENGINEERING: ");

lblCSE=new Label("COMPUTER SECURITY: ");

lblOSY=new Label("OPERATING SYSTEM: ");

txtExam=new TextField(20);

txtName=new TextField(25);

txtJava=new TextField(3);

txtSEN=new TextField(3);

txtCSE=new TextField(3);

txtOSY=new TextField(3);

cmdReport=new Button("View Student Result");

lblTitle.setBounds(100,0,200,20);

lblExam.setBounds(0,50,170,20);

txtExam.setBounds(190,50,100,20);

lblName.setBounds(0,75,170,20);

txtName.setBounds(190,75,190,20);

lblJava.setBounds(0,100,170,20);

txtJava.setBounds(190,100,40,20);

lblSEN.setBounds(0,125,170,20);

txtSEN.setBounds(190,125,40,20);

lblCSE.setBounds(0,150,170,20);

txtCSE.setBounds(190,150,40,20);

lblOSY.setBounds(0,175,170,20);

txtOSY.setBounds(190,175,40,20);

cmdReport.setBounds(100,225,150,30);

add(lblTitle);

add(lblExam);add(txtExam);

add(lblName);add(txtName);

add(lblJava);add(txtJava);

add(lblSEN);add(txtSEN);

add(lblCSE);add(txtCSE);

add(lblOSY);add(txtOSY);

add(cmdReport);

cmdReport.addActionListener(this);

}

public void actionPerformed(ActionEvent ae)

{

try

{

int java=Integer.parseInt(txtJava.getText());

int SEN=Integer.parseInt(txtSEN.getText());

int CSE=Integer.parseInt(txtCSE.getText());

int OSY=Integer.parseInt(txtOSY.getText());

if((java>40 && SEN>40) && (CSE>40 && OSY>40))

{

resultStatus=1;

total=(java+SEN+CSE+OSY);

avg=total/4;

}

else{

resultStatus=0;

total=(java+SEN+CSE+OSY);

avg=total/4;

}

}

catch(NumberFormatException e)

{

}

repaint();

}

public void paint(Graphics g)

{

g.setFont(f1);

setBackground(Color.gray);

g.setColor(Color.BLACK);

g.fillRect(15,279,360,5);

g.setColor(Color.BLACK);

g.drawString("STUDENT MARKSHEET",100,275);

g.drawString("Examination.: "+txtExam.getText(),0,300);

g.drawString("Name of the Student : "+txtName.getText(),0,325);

g.drawString("Java Programming: "+txtJava.getText(),0,350);

g.drawString("Software Engineering : "+txtSEN.getText(),0,375);

g.drawString("Computer Security : "+txtCSE.getText(),0,400);

g.drawString("Operating System : "+txtOSY.getText(),0,425);

g.setColor(Color.BLACK);

g.fillRect(15,440,360,5);

g.setColor(Color.BLACK);

if(resultStatus==1)

{

g.setColor(Color.green);

g.drawString("Result: "+total,0,475);

g.setColor(Color.BLACK);

}

else{

g.setColor(Color.red);

g.drawString("Result: "+total,0,475);

g.setColor(Color.BLACK);

}

g.drawString("Total: "+total,0,505);

g.drawString("Percentage: "+avg,0,525);

g.setColor(Color.BLACK);

g.fillRect(15,535,360,5);

}

}

//HTML Code

/\*

<html>

<Body><Applet code="Marksheet.class" height=550 width=400></applet>

</body>

</html>

\*/

**OUTPUT** :-



