***//Student Marksheet Generation Using Applet***

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;

float avg;

Font f1;

public void init(){

f1 = new Font("Times New Roman",Font.BOLD,16);

setLayout(null);

lblTitle=new Label("Enter Student’s Details");

lblExam=new Label("Examination:");

lblName=new Label("Name :");

lblJava=new Label("JPR :");

lblSEN=new Label("SEN :");

lblCSE=new Label("CSE :");

lblOSY=new Label("OSY:");

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(0,50,100,20);

txtExam.setBounds(120,50,100,20);

lblName.setBounds(0,75,100,20);

txtName.setBounds(120,75,250,20);

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

txtJava.setBounds(120,100,40,20);

lblSEN.setBounds(0,125,100,20);

txtSEN.setBounds(120,125,40,20);

lblCSE.setBounds(0,150,100,20);

txtCSE.setBounds(120,150,40,20);

lblOSY.setBounds(0,175,100,20);

txtOSY.setBounds(120,175,40,20);

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());

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.red);

g.fillRect(20,279,350,8);

g.setColor(Color.blue);

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.red);

g.fillRect(20,440,350,8);

g.setColor(Color.blue);

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

g.drawString("Average: "+avg,0,500);

g.setColor(Color.red);

g.fillRect(20,520,350,8);

}

}

/\*

<html>

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

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\*/

***//Output***

