/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*\*

\* this code is code by Joshua

\* @author Velasco

\*/

public class MIDTERMEXAM extends javax.swing.JFrame {

int Age,Quiz1, Quiz2, Quiz3, Quiz4, Quiz5, Exam,CS, NS;

double Grade, Average;

String LN,FN,MN, M , F , Status,Courses;

String[] student = new String[100];

int i = 0;

double[] Array = new double[100];

double[] Array2 = new double[100];

/\*\*

\* Creates new form MIDTERMEXAM

\*/

public MIDTERMEXAM() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

buttonGroup1 = new javax.swing.ButtonGroup();

JOptionPane = new javax.swing.JOptionPane();

jTextField1 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

jScrollPane2 = new javax.swing.JScrollPane();

jTextArea1 = new javax.swing.JTextArea();

jLabel1 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jTextField4 = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

jComboBox2 = new javax.swing.JComboBox<>();

jLabel7 = new javax.swing.JLabel();

jComboBox1 = new javax.swing.JComboBox<>();

jLabel6 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jPanel2 = new javax.swing.JPanel();

jLabel9 = new javax.swing.JLabel();

jTextField5 = new javax.swing.JTextField();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jTextField6 = new javax.swing.JTextField();

jTextField7 = new javax.swing.JTextField();

jTextField8 = new javax.swing.JTextField();

jTextField9 = new javax.swing.JTextField();

jLabel14 = new javax.swing.JLabel();

jTextField10 = new javax.swing.JTextField();

jLabel15 = new javax.swing.JLabel();

jTextField11 = new javax.swing.JTextField();

jScrollPane1 = new javax.swing.JScrollPane();

jTextPane1 = new javax.swing.JTextPane();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jTextField1.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel2.setText("Last Name");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel3.setText("First Name");

jTextField2.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField3.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField3.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField3ActionPerformed(evt);

}

});

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel4.setText("MI.");

jTextArea1.setColumns(20);

jTextArea1.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextArea1.setLineWrap(true);

jTextArea1.setRows(5);

jTextArea1.setToolTipText("");

jTextArea1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jScrollPane2.setViewportView(jTextArea1);

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel1.setText("Name:");

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel5.setText("Age:");

jTextField4.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField4.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField4ActionPerformed(evt);

}

});

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel8.setText("Course:");

jComboBox2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Please Select...", "Bachelor of Science in Accountancy", "Bachelor of Science in Management Accounting", "Bachelor of Science in Internal Auditing", "Bachelor of Science in Computer Science", "Bachelor of Science in Information Technology", "Bachelor of Science in Hospitality Management", "Bachelor of Science in Tourism Management", "Bachelor of Science in Psychology", "Bachelor of Secondary Education major in Science", "Bachelor of Secondary Education major in English", "Bachelor of Secondary Education major in Mathematics", "Bachelor of Science in Computer Engineering", "Bachelor of Science in Industrial Engineering" }));

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel7.setText("Status:");

jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Please Select", "Single", "Married", "Engaged", "It's complicated" }));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel6.setText("Gender:");

buttonGroup1.add(jRadioButton1);

jRadioButton1.setText("Male");

jRadioButton1.setActionCommand("jRadioButton1");

jRadioButton1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

buttonGroup1.add(jRadioButton2);

jRadioButton2.setText("Female");

jRadioButton2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jButton1.setFont(new java.awt.Font("Arial", 1, 14)); // NOI18N

jButton1.setText("Submit");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Arial", 1, 14)); // NOI18N

jButton2.setText("Highest and Lowest");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jButton4.setFont(new java.awt.Font("Arial", 1, 14)); // NOI18N

jButton4.setText("Clear");

jButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton4ActionPerformed(evt);

}

});

jPanel2.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Midterm Grades", javax.swing.border.TitledBorder.CENTER, javax.swing.border.TitledBorder.ABOVE\_TOP, new java.awt.Font("Arial", 1, 12))); // NOI18N

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel9.setText("Quiz 1:");

jTextField5.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField5.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField5ActionPerformed(evt);

}

});

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel10.setText("Quiz 2:");

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel11.setText("Quiz 3:");

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel12.setText("Quiz 4:");

jLabel13.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel13.setText("Quiz 5:");

jTextField6.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField6.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField7.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField7.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField8.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField8.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField9.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField9.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jLabel14.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel14.setText("Examination:");

jTextField10.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField10.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jLabel15.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel15.setText("Class Standing:");

jTextField11.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jTextField11.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel14)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField10))

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel15)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField11, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel13)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField9))

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel12)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel10)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel11)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField7, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel9)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, 36, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(100, 100, 100))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel9)

.addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel10)

.addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel11)

.addComponent(jTextField7, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel12)

.addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel13)

.addComponent(jTextField9, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel14)

.addComponent(jTextField10, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel15)

.addComponent(jTextField11, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(20, Short.MAX\_VALUE))

);

jTextPane1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextPane1.setFont(new java.awt.Font("Arial", 0, 12)); // NOI18N

jScrollPane1.setViewportView(jTextPane1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 93, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 116, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5)

.addGap(50, 50, 50)

.addComponent(jLabel7))

.addGroup(layout.createSequentialGroup()

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED\_SIZE, 44, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 112, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(2, 2, 2)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jRadioButton1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jRadioButton2))

.addGroup(layout.createSequentialGroup()

.addGap(28, 28, 28)

.addComponent(jLabel6))))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel8)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED\_SIZE, 314, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 256, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 154, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 153, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 256, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 313, javax.swing.GroupLayout.PREFERRED\_SIZE)))))

.addContainerGap(76, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jRadioButton1)

.addComponent(jRadioButton2)))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(jLabel4))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(jLabel7)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1)

.addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jTextField1))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel8)

.addComponent(jComboBox2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(16, 16, 16)))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 67, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 277, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jButton2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(68, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

LN = jTextField1.getText();

FN = jTextField2.getText();

MN = jTextField3.getText();

Status = (String)jComboBox1.getSelectedItem();

Courses = (String)jComboBox2.getSelectedItem();

try{

Age = Integer.parseInt(jTextField4.getText());

if(jRadioButton1.isSelected()){

M = jRadioButton1.getText();

}

if(jRadioButton2.isSelected()){

F = jRadioButton2.getText();

}

try{

Quiz1 = Integer.parseInt(jTextField5.getText());

try{

Quiz2 = Integer.parseInt(jTextField6.getText());

try{

Quiz3 = Integer.parseInt(jTextField7.getText());

try{

Quiz4 = Integer.parseInt(jTextField8.getText());

try{

Quiz5 = Integer.parseInt(jTextField9.getText());

try{

Exam = Integer.parseInt(jTextField10.getText());

try{

CS = Integer.parseInt(jTextField11.getText());

Average = (Quiz1 + Quiz2 + Quiz3 + Quiz4 +Quiz5)/5;

Grade = Average \* .30 + Exam \* .30 + CS \*.40;

Array[i] = Grade;

Array2[i] = Grade;

student[i] = LN + "," + FN +" "+ MN+".";

i++;

if(jRadioButton1.isSelected()){

jTextArea1.append("Name: " + LN + ", " + FN + " " + MN + ".\n" + "Age: " + Age + "\n"

+ "Status: " + Status + "\n" + "Gender: " + M + "\n" + "Course: " + Courses + "\n"

+ "Quiz 1: " + Quiz1 + "\n"

+ "Quiz 2: " + Quiz2 + "\n"

+"Quiz 3: " + Quiz3 + "\n"

+"Quiz 4: " + Quiz4 + "\n"

+"Quiz 5: " + Quiz5 + "\n"

+ "Examination: " + Exam + "\n" + "Class Standing: " + CS + "\n"

+ "Average: " + Average + "\n" + "Grade: " + Grade + "\n"+ "\n"+ "\n");

buttonGroup1.clearSelection();

jComboBox1.setSelectedIndex(0);

jComboBox2.setSelectedIndex(0);

jTextField1.setText("");

jTextField2.setText("");

jTextField3.setText("");

jTextField4.setText("");

jTextField5.setText("");

jTextField6.setText("");

jTextField7.setText("");

jTextField8.setText("");

jTextField9.setText("");

jTextField10.setText("");

jTextField11.setText("");

}

else{

jTextArea1.append("Name: " + LN + ", " + FN + " " + MN + ".\n" + "Age: " + Age + "\n"

+ "Status: " + Status + "\n" + "Gender: " + F + "\n" + "Course: " + Courses + "\n"

+ "Quiz 1: " + Quiz1 + "\n"

+ "Quiz 2: " + Quiz2 + "\n"

+"Quiz 3: " + Quiz3 + "\n"

+"Quiz 4: " + Quiz4 + "\n"

+"Quiz 5: " + Quiz5 + "\n"

+ "Examination: " + Exam + "\n" + "Class Standing: " + CS + "Class Standing: " + CS + "\n"

+ "Average: " + Average + "\n" + "Grade: " + Grade + "\n"+ "\n"+ "\n");

buttonGroup1.clearSelection();

jComboBox1.setSelectedIndex(0);

jComboBox2.setSelectedIndex(0);

jTextField1.setText("");

jTextField2.setText("");

jTextField3.setText("");

jTextField4.setText("");

jTextField5.setText("");

jTextField6.setText("");

jTextField7.setText("");

jTextField8.setText("");

jTextField9.setText("");

jTextField10.setText("");

jTextField11.setText("");

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Class Standing is Missing!", "Error", JOptionPane.WARNING\_MESSAGE);

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Examination is Missing!", "Error", JOptionPane.WARNING\_MESSAGE);

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Quiz 5 is Missing!", "Error", JOptionPane.WARNING\_MESSAGE);

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Quiz 4 is Missing!", "Error", JOptionPane.WARNING\_MESSAGE);

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Quiz 3 is Missing!", "Error", JOptionPane.WARNING\_MESSAGE);

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Quiz 2 is Missing!", "Error", JOptionPane.WARNING\_MESSAGE);

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Quiz 1 is Missing! ", "Error", JOptionPane.WARNING\_MESSAGE);

}

}catch(NumberFormatException e){

JOptionPane.showMessageDialog(this, "Age is Missing!", "Error", JOptionPane.WARNING\_MESSAGE);

}

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

String Studentmin = student[0];

String Studentmax = student[0];

double Maxnum = Array[0];

for(int j=1;j<i;j++){

if(Array[j] > Maxnum){

Maxnum = Array[j];

Studentmax = student[j];

}

}

double Minnum = Array2[0];

for(int j=1;j<i;j++){

if(Array2[j] < Minnum){

Minnum = Array2[j];

Studentmin = student[j];

}

}

jTextPane1.setText( "Highest Grade is:\n" +Studentmax+"\n"+"Grade:"+Maxnum+"\n\n"+"Lowest Grade is:\n"+Studentmin+"\n"+"Grade:"+Minnum);

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

buttonGroup1.clearSelection();

jComboBox1.setSelectedIndex(0);

jComboBox2.setSelectedIndex(0);

jTextField1.setText("");

jTextField2.setText("");

jTextField3.setText("");

jTextField4.setText("");

jTextField5.setText("");

jTextField6.setText("");

jTextField7.setText("");

jTextField8.setText("");

jTextField9.setText("");

jTextField10.setText("");

jTextField11.setText("");

jTextPane1.setText("");

}

private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void jTextField5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(MIDTERMEXAM.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(MIDTERMEXAM.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(MIDTERMEXAM.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(MIDTERMEXAM.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new MIDTERMEXAM().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JOptionPane JOptionPane;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton4;

private javax.swing.JComboBox<String> jComboBox1;

private javax.swing.JComboBox<String> jComboBox2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel2;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTextArea jTextArea1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField10;

private javax.swing.JTextField jTextField11;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

private javax.swing.JTextField jTextField7;

private javax.swing.JTextField jTextField8;

private javax.swing.JTextField jTextField9;

private javax.swing.JTextPane jTextPane1;

// End of variables declaration

}