**A Project Report  
ON   
ONLINE EXAMINATION SYSTEM**

Submitted To: Submitted by: Mr. Sartaj Tanuj Rohilla

**IBM TRAINING CENTRE**

**ACKNOWLEDGEMENT**

We gratefully acknowledge for the assistance, cooperation, guidance and

clarifications provided by IBM during the development of the Online Examination

System Project. Our extreme gratitude to Mr.Sartaj who guided us

throughout the project. Without his willing disposition, spirit of accommodation,

frankness, timely clarification and above all faith in us, this project could not have

been completed in due time.

His readiness to discuss all important matters at work deserves special attention.

We would also like to thank whole of the faculty of the college for their

cooperation and important support.

**CERTIFICATE**

This is to certify that the project entitled **“Online Examination System”**  has been developed by **“Tanuj Rohilla”**.

He has worked on the project Online Exam System. He has used JAVA and MS.ACCESS as Database for the project. His work is satisfactory.

I wish him all the best for his bright future.

**INTRODUCTION**

Online Exams is being launched because a need for a destination that is beneficial for both institutes and students. With this site, institutes can register and host online exams. Students can give exams and view their results. This site is an attempt to remove the existing flaws in the manual system of conducting exams.

**Purpose**

Online Exams System fulfills the requirements of the institutes to conduct the exams online. They do not have to go to any software developer to make a separate site for being able to conduct exams online. They just have to register on the site and enter the exam details and the lists of the students which can appear in the exam. Students can give exam without the need of going to any physical destination. They can view the result at the same time. Thus the purpose of the site is to provide a system that saves the efforts and time of both the institutes and the students.

**What is Online Exams System all about?**

**Online Examination System** is a web application that establishes a network between the institutes and the students. Institutes enter on the site the questions they want in the exam. These questions are displayed as a test to the eligible students. The answers enter by the students are then evaluated and their score is calculated and saved. This score then can be accessed by the institutes to determine the passes students or to evaluate their performance.

**Online Examination System** provides the platform but does not directly participate in, nor is it involved in any tests conducted. Questions are posted not by the site, but users of the site. The site requires an institute to register before posting the questions.

The site has an administrator who keeps an eye on the overall functioning of the system. The site gets revenue by charging the institutes each time they want to conduct the exam.

The system entitled **“Online Examination System”** is application software, which aims at providing services to the institutes and providing them with an option of selecting the eligible students by themselves. It is developed by using J2EE technology and related database.

**Requirement Specification**

**1) Existing System**

* Offline examination is time consuming.
* Waste of paper.
* Delay of result

**2) New System**

* Student can register for online examination.
* Student can select the subject for examination.
* Student can get result online after completion of online examination.
* Admin can manage the examination.
* Admin can generate the reports.

**Functional Specification**

**User**

* **Student Registration**

-Student has to register to give the examination.

* **Student Login**

-After registration, student can login their id to start examination.

* **Result**

-Result will be created immediately after examination.

**Software Requirement**

* Operating System : Windows XP, Window 7, Window 8.1, etc
* Back End : MS-Access for Database, SQL Server
* Front End : JAVA using Swings
* Database Connectivity: JDBC, Microsoft ODBC
* Driver for Oracle

**Source Code**

**Registration Page**

package ibm\_project\_online\_test;

import com.sun.corba.se.impl.orbutil.ORBUtility;

import java.sql.Connection;

import java.sql.ResultSet;

import javax.swing.\*;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class registration\_page extends javax.swing.JFrame {

Connection con;

ResultSet rs,ds;

PreparedStatement ps,ts;

/\*\*

\* Creates new form registration\_page

\*/

public registration\_page() {

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() {

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jPasswordField1 = new javax.swing.JPasswordField();

jButton1 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jLabel5 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

jTextField3 = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

jTextField4 = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

jTextField5 = new javax.swing.JTextField();

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

jLabel1.setText("Name");

jLabel2.setText("Registration id");

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Submit");

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

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

jButton1ActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("New Registration");

jLabel4.setText("Gender");

jRadioButton1.setText("Male");

jRadioButton1.addChangeListener(new javax.swing.event.ChangeListener() {

public void stateChanged(javax.swing.event.ChangeEvent evt) {

jRadioButton1StateChanged(evt);

}

});

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Female");

jRadioButton2.addChangeListener(new javax.swing.event.ChangeListener() {

public void stateChanged(javax.swing.event.ChangeEvent evt) {

jRadioButton2StateChanged(evt);

}

});

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jLabel5.setText("Password");

jLabel6.setText("College name");

jLabel7.setText("Email-id");

jLabel8.setText("Contact no.");

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()

.addGap(162, 162, 162)

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

.addComponent(jLabel1)

.addComponent(jLabel4)

.addComponent(jLabel2)

.addComponent(jLabel5)

.addComponent(jLabel6)

.addComponent(jLabel7)

.addComponent(jLabel8))

.addGap(46, 46, 46)

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

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 122, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 122, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(173, 173, 173))

.addGroup(layout.createSequentialGroup()

.addComponent(jRadioButton1)

.addGap(31, 31, 31)

.addComponent(jRadioButton2))

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

.addComponent(jTextField5, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 122, Short.MAX\_VALUE)

.addComponent(jTextField4, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField3, javax.swing.GroupLayout.Alignment.LEADING))

.addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 122, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGap(229, 229, 229)

.addComponent(jLabel3))

.addGroup(layout.createSequentialGroup()

.addGap(258, 258, 258)

.addComponent(jButton1)))

.addContainerGap(78, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(29, 29, 29)

.addComponent(jLabel3)

.addGap(30, 30, 30)

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

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

.addComponent(jLabel1))

.addGap(18, 18, 18)

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

.addComponent(jLabel4)

.addComponent(jRadioButton1)

.addComponent(jRadioButton2))

.addGap(18, 18, 18)

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

.addGroup(layout.createSequentialGroup()

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

.addComponent(jLabel2)

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

.addGap(24, 24, 24)

.addComponent(jLabel5))

.addComponent(jPasswordField1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jLabel6)

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

.addGap(18, 18, 18)

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

.addComponent(jLabel7)

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

.addGap(18, 18, 18)

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

.addComponent(jLabel8)

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 24, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(21, 21, 21))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

try{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con = DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps = con.prepareStatement("Insert into ibm\_table values(?,?,?,?,?,?,?,0,null)");

ps.setString(2,jTextField1.getText());

if(jRadioButton1.isSelected())

{

ps.setString(3,jRadioButton1.getText());

}

else

{

ps.setString(3,jRadioButton2.getText());

}

ps.setInt(1,Integer.parseInt(jTextField2.getText()));

ps.setString(4,jPasswordField1.getText());

ps.setString(5,jTextField3.getText());

ps.setString(6,jTextField4.getText());

ps.setString(7,jTextField5.getText());

ps.executeUpdate(); // as it does not return

JOptionPane.showMessageDialog(null,"Record Updated");

con.close();

this.setVisible(false);

Login\_page q=new Login\_page();

q.setVisible(true);

}

catch(Exception e){

System.out.println(e);

}

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

}

private void jRadioButton1StateChanged(javax.swing.event.ChangeEvent evt) {

// TODO add your handling code here:

}

private void jRadioButton2StateChanged(javax.swing.event.ChangeEvent 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(registration\_page.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(registration\_page.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 registration\_page().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

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.JPasswordField jPasswordField1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

// End of variables declaration

}

**Login Page**

package ibm\_project\_online\_test;

import javax.swing.JOptionPane;

import com.sun.corba.se.impl.orbutil.ORBUtility;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.\*;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Login\_page extends javax.swing.JFrame {

Connection con;

ResultSet rs,ds;

PreparedStatement ps,ts;

public int reg;

/\*\*

\* Creates new form Login\_page

\*/

public Login\_page() {

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() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jPasswordField1 = new javax.swing.JPasswordField();

jButton2 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

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

jLabel1.setText("Registration ID");

jLabel2.setText("Password");

jTextField1.addActionListener(new java.awt.event.ActionListener() {

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

jTextField1ActionPerformed(evt);

}

});

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Login");

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

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

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("New Registration");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("All India General Knowlege Examination, 2016");

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

.addGap(0, 124, Short.MAX\_VALUE)

.addComponent(jLabel3)

.addGap(107, 107, 107))

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addGap(156, 156, 156)

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

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(103, 103, 103)

.addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 124, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1)

.addGap(78, 78, 78)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 123, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGroup(layout.createSequentialGroup()

.addGap(254, 254, 254)

.addComponent(jButton1))

.addGroup(layout.createSequentialGroup()

.addGap(216, 216, 216)

.addComponent(jButton2)))

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

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(23, 23, 23)

.addComponent(jLabel3)

.addGap(37, 37, 37)

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

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

.addComponent(jLabel1))

.addGap(21, 21, 21)

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

.addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2))

.addGap(49, 49, 49)

.addComponent(jButton1)

.addGap(18, 18, 18)

.addComponent(jButton2)

.addContainerGap(144, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

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

// TODO add your handling code here:

String pass;

try{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con = DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps = con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,Integer.parseInt(jTextField1.getText()));

rs = ps.executeQuery();

rs.next();

pass=rs.getString("password");

if(pass.equals(jPasswordField1.getText())){

String[] data = new String[2];

data[0]=rs.getString("reg\_no");

data[1]=rs.getString("marks");

con.close();

this.setVisible(false);

instruction.main(data);

}

else {

JOptionPane.showMessageDialog(null,"Wrong password entered");

}

}

catch(Exception e){

JOptionPane.showMessageDialog(null,"you have not registered...please register first");

}

}

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

// TODO add your handling code here:

this.setVisible(false);

registration\_page r=new registration\_page();

r.setVisible(true);

}

/\*\*

\* @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(Login\_page.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Login\_page.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 Login\_page().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPasswordField jPasswordField1;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}

**Instruction Page**

package ibm\_project\_online\_test;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class instruction extends javax.swing.JFrame {

static String[] data;

/\*\*

\* Creates new form instruction

\*/

public instruction() {

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() {

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

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

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Start Test");

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

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

jButton1ActionPerformed(evt);

}

});

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel1.setText("Instructions");

jLabel2.setText("1. All Questions are mandatory");

jLabel3.setText("2. For each write answer there will be bonus for 1 marks");

jLabel4.setText("3. There is no negative weightage");

jLabel5.setText("4. Use of any electronic gadget is prohibited during examination");

jLabel6.setText("5. Please choose the answer correctly as you cannot jump to previous question during examination");

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()

.addGap(77, 77, 77)

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

.addComponent(jLabel2)

.addComponent(jLabel4)

.addComponent(jLabel5)

.addComponent(jLabel6)

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

.addComponent(jLabel1)

.addComponent(jLabel3))))

.addGroup(layout.createSequentialGroup()

.addGap(272, 272, 272)

.addComponent(jButton1)))

.addContainerGap(98, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(31, 31, 31)

.addComponent(jLabel1)

.addGap(69, 69, 69)

.addComponent(jLabel2)

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

.addComponent(jLabel3)

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

.addComponent(jLabel4)

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

.addComponent(jLabel5)

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

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 94, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(47, 47, 47))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

//JOptionPane.showMessageDialog(null, "Regno when button pressed"+regno[0]);

this.setVisible(false);

Question\_1.main(data);

}

/\*\*

\* @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(instruction.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

//JOptionPane.showMessageDialog(null, "Reg in main "+args[0]);

/\* Create and display the form \*/

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

public void run() {

new instruction().setVisible(true);

}

});

//instruction i = new instruction();

data = new String[2];

data[0] = args[0];

data[1] = args[1];

//i.initreg(args[0]);

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

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;

// End of variables declaration

}

**Question 1**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_1 extends javax.swing.JFrame {

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_1

\*/

public Question\_1() {

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() {

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Next");

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

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

jButton1ActionPerformed(evt);

}

});

jLabel1.setText("Q1. Which of the following countries has successfully launched its most sophisticated observation satellite, Gaofen-4 ?");

jRadioButton1.setText("Australia");

jRadioButton1.addChangeListener(new javax.swing.event.ChangeListener() {

public void stateChanged(javax.swing.event.ChangeEvent evt) {

jRadioButton1StateChanged(evt);

}

});

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("China");

jRadioButton2.addChangeListener(new javax.swing.event.ChangeListener() {

public void stateChanged(javax.swing.event.ChangeEvent evt) {

jRadioButton2StateChanged(evt);

}

});

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("India");

jRadioButton3.addChangeListener(new javax.swing.event.ChangeListener() {

public void stateChanged(javax.swing.event.ChangeEvent evt) {

jRadioButton3StateChanged(evt);

}

});

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Russia");

jRadioButton4.addChangeListener(new javax.swing.event.ChangeListener() {

public void stateChanged(javax.swing.event.ChangeEvent evt) {

jRadioButton4StateChanged(evt);

}

});

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addChangeListener(new javax.swing.event.ChangeListener() {

public void stateChanged(javax.swing.event.ChangeEvent evt) {

jRadioButton5StateChanged(evt);

}

});

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(53, 53, 53)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(272, 272, 272)

.addComponent(jButton1)))

.addContainerGap(28, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(76, 76, 76)

.addComponent(jLabel1)

.addGap(26, 26, 26)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 84, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(50, 50, 50))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton2.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

JOptionPane.showMessageDialog(null, e.toString());

}

}

this.setVisible(false);

String data[] = new String[2];

data[0]= String.valueOf(reg1);

data[1]= String.valueOf(marks);

Question\_2.main(data);

}

private void jRadioButton1StateChanged(javax.swing.event.ChangeEvent evt) {

// TODO add your handling code here:

}

private void jRadioButton2StateChanged(javax.swing.event.ChangeEvent evt) {

// TODO add your handling code here:

}

private void jRadioButton3StateChanged(javax.swing.event.ChangeEvent evt) {

// TODO add your handling code here:

}

private void jRadioButton4StateChanged(javax.swing.event.ChangeEvent evt) {

// TODO add your handling code here:

;

}

private void jRadioButton5StateChanged(javax.swing.event.ChangeEvent evt) {

// TODO add your handling code here:

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_1.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 Question\_1().setVisible(true);

}

});

reg1 = Integer.parseInt(args[0]);

marks = Integer.parseInt(args[1]);

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 2**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_2 extends javax.swing.JFrame {

//int a;

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_2

\*/

public Question\_2() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q2. IIT-Madras has discovered a \_\_\_\_\_\_\_ nanotube which kills cancer cells without impacting neighbour cells.");

jRadioButton1.setText("Carbon");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Hydrogen");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Helium");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Silica");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(39, 39, 39)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(271, 271, 271)

.addComponent(jButton2)))

.addContainerGap(87, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(52, 52, 52)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 106, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(60, 60, 60))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton1.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_3.main(data);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_2().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 3**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_3 extends javax.swing.JFrame {

//int a;

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_3

\*/

public Question\_3() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q3. Alphabet is a parent company of");

jRadioButton1.setText("Microsoft");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Cisco");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Google");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Yahoo");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(48, 48, 48)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(295, 295, 295)

.addComponent(jButton2)))

.addContainerGap(296, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(50, 50, 50)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 110, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(58, 58, 58))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton3.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_4.main(data);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_3.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_3().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 4**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_4 extends javax.swing.JFrame {

//int a;

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_4

\*/

public Question\_4() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q4. Recently banned brand 'Maggi' is owned by");

jRadioButton1.setText("Nestle India");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Pepsico India");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Parle Foods");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("ITC");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(49, 49, 49)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(283, 283, 283)

.addComponent(jButton2)))

.addContainerGap(308, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(49, 49, 49)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 111, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(58, 58, 58))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton1.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_5.main(data);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_4.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_4.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_4.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_4.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_4().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 5**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_5 extends javax.swing.JFrame {

// int a;

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_5

\*/

public Question\_5() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q5. Which of the following teams has won 2015 Pro Wrestling League title?");

jRadioButton1.setText("Bengaluru Yodhas");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Haryana Hammers");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Mumbai Garuda");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Uttar Pradesh Warriors");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(42, 42, 42)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(280, 280, 280)

.addComponent(jButton2)))

.addContainerGap(248, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(43, 43, 43)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 124, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(51, 51, 51))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton3.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_6.main(data);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_5.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_5.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_5.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_5.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_5().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 6**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_6 extends javax.swing.JFrame {

//int a;

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_6

\*/

public Question\_6() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q6. Which of the following states will host the 2019 National Games of India");

jRadioButton1.setText("Andhra Pradesh");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Gujarat");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Himachal Pradesh");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Maharastra");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(47, 47, 47)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(270, 270, 270)

.addComponent(jButton2)))

.addContainerGap(239, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(51, 51, 51)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 109, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(58, 58, 58))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton1.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

Question\_7 q=new Question\_7();

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_7.main(data);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_6.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_6.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_6.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_6.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_6().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 7**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_7 extends javax.swing.JFrame {

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_7

\*/

public Question\_7() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q7. 'A God in Ruins' is written by");

jRadioButton1.setText("Andrea Wulf");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Don Paterson");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Frances Hardinge");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Kate Atkinson");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(49, 49, 49)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(280, 280, 280)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 71, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(299, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(48, 48, 48)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 115, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(55, 55, 55))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton4.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_8.main(data);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

/\*\*

\* @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(Question\_7.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_7.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_7.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_7.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_7().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 8**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_8 extends javax.swing.JFrame {

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_8

\*/

public Question\_8() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q8. Which of the following is used in oven?");

jRadioButton1.setText("X-Rays");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("UV Rays");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Microwaves");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Radio waves");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(52, 52, 52)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(269, 269, 269)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 69, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(312, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(54, 54, 54)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 114, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(50, 50, 50))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton3.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_9.main(data);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_8.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_8.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_8.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_8.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_8().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 9**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_9 extends javax.swing.JFrame {

static int reg1,marks;

Connection con;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_9

\*/

public Question\_9() {

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() {

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton2.setText("Next");

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

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

jButton2ActionPerformed(evt);

}

});

jLabel1.setText("Q9. Which was the first antibiotic?");

jRadioButton1.setText("Terramycin");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Neomycin");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Pencillin");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Streptomycin");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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()

.addGap(59, 59, 59)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5)))

.addGroup(layout.createSequentialGroup()

.addGap(282, 282, 282)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 69, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(299, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

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

.addGap(64, 64, 64)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 110, Short.MAX\_VALUE)

.addComponent(jButton2)

.addGap(44, 44, 44))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton3.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks+=1;

/\* ps1=con.prepareStatement("Update ibm\_table set marks=? where reg\_no=?");

ps1.setInt(1,marks);

ps1.setInt(2,reg1);

ps1.executeUpdate();\*/

} catch (Exception e) {

}

}

this.setVisible(false);

String data[]=new String[2];

data[0]=String.valueOf(reg1);

data[1]=String.valueOf(marks);

Question\_10.main(data);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_9.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_9.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_9.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_9.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_9().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Question 10**

package ibm\_project\_online\_test;

import static java.lang.Integer.toString;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class Question\_10 extends javax.swing.JFrame {

static int reg1,marks;

Connection con,con1;

PreparedStatement ps,ps1;

ResultSet rs;

/\*\*

\* Creates new form Question\_10

\*/

public Question\_10() {

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() {

jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jRadioButton3 = new javax.swing.JRadioButton();

jRadioButton4 = new javax.swing.JRadioButton();

jRadioButton5 = new javax.swing.JRadioButton();

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

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Finish Test");

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

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

jButton1ActionPerformed(evt);

}

});

jLabel1.setText("Q10. Who introduced 'MMX' technology?");

jRadioButton1.setText("IBM");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton1ActionPerformed(evt);

}

});

jRadioButton2.setText("Apple");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton2ActionPerformed(evt);

}

});

jRadioButton3.setText("Microsoft");

jRadioButton3.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton3ActionPerformed(evt);

}

});

jRadioButton4.setText("Intel");

jRadioButton4.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton4ActionPerformed(evt);

}

});

jRadioButton5.setText("None of the above");

jRadioButton5.addActionListener(new java.awt.event.ActionListener() {

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

jRadioButton5ActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(54, 54, 54)

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

.addComponent(jRadioButton1)

.addComponent(jLabel1)

.addComponent(jRadioButton2)

.addComponent(jRadioButton3)

.addComponent(jRadioButton4)

.addComponent(jRadioButton5))

.addContainerGap(403, Short.MAX\_VALUE))

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

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

.addComponent(jButton1)

.addGap(276, 276, 276))

);

layout.setVerticalGroup(

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

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

.addGap(55, 55, 55)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)

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

.addComponent(jRadioButton3)

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

.addComponent(jRadioButton4)

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

.addComponent(jRadioButton5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 116, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(47, 47, 47))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

if(jRadioButton4.isSelected()){

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks++;

} catch (Exception e) {

}

}

try{

if(marks<=3){

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con1=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps1=con1.prepareStatement("Update ibm\_table set marks=?,result='Fail' where reg\_no=?");

ps1.setInt(1,marks);

ps1.setInt(2,reg1);

ps1.executeUpdate();

}

else

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con1=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps1=con1.prepareStatement("Update ibm\_table set marks=?,result='Pass' where reg\_no=?");

ps1.setInt(1,marks);

ps1.setInt(2,reg1);

ps1.executeUpdate();

}

}

catch(Exception e){

}

this.setVisible(false);

String data[]=new String[1];

data[0]=String.valueOf(reg1);

result.main(data);

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton1.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton3ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton5.setSelected(false);

}

private void jRadioButton5ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton4.setSelected(false);

jRadioButton1.setSelected(false);

}

private void jRadioButton4ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jRadioButton2.setSelected(false);

jRadioButton3.setSelected(false);

jRadioButton1.setSelected(false);

jRadioButton5.setSelected(false);

}

/\*\*

\* @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(Question\_10.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Question\_10.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Question\_10.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Question\_10.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

marks=Integer.parseInt(args[1]);

/\* Create and display the form \*/

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

public void run() {

new Question\_10().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JRadioButton jRadioButton1;

private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JRadioButton jRadioButton3;

private javax.swing.JRadioButton jRadioButton4;

private javax.swing.JRadioButton jRadioButton5;

// End of variables declaration

}

**Result**

package ibm\_project\_online\_test;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class result extends javax.swing.JFrame {

static int reg1;

Connection con;

ResultSet rs;

PreparedStatement ps;

/\*\*

\* Creates new form result

\*/

public result() {

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() {

jButton1 = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

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

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Click here to check you result");

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

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

jButton1ActionPerformed(evt);

}

});

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Result");

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(0, 230, Short.MAX\_VALUE)

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

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

.addComponent(jLabel2)

.addGap(293, 293, 293))

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

.addComponent(jButton1)

.addGap(221, 221, 221))))

);

layout.setVerticalGroup(

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

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

.addGap(35, 35, 35)

.addComponent(jLabel2)

.addGap(70, 70, 70)

.addComponent(jButton1)

.addContainerGap(250, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

int marks;

try {

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

con=DriverManager.getConnection("jdbc:odbc:ibm\_project\_db");

ps=con.prepareStatement("Select \* from ibm\_table where reg\_no=?");

ps.setInt(1,reg1);

rs = ps.executeQuery();

rs.next();

marks=rs.getInt("marks");

if(marks<=3){

JOptionPane.showMessageDialog(null,"Sorry you have not qualified\n"+" Your score is "+marks);

}

else{

JOptionPane.showMessageDialog(null,"Congratulation you have qualified\n"+" Your score is "+marks);

}

}

catch(Exception e){

}

thankyou l=new thankyou();

this.setVisible(false);

l.setVisible(true);

}

/\*\*

\* @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(result.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

reg1=Integer.parseInt(args[0]);

/\* Create and display the form \*/

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

public void run() {

new result().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel2;

// End of variables declaration

}

**Thankyou page**

package ibm\_project\_online\_test;

/\*\*

\*

\* @author TANUJ ROHILLA

\*/

public class thankyou extends javax.swing.JFrame {

/\*\*

\* Creates new form thankyou

\*/

public thankyou() {

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() {

jLabel1 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

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

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

jLabel1.setText("Thankyou......Visit Again");

jButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jButton1.setText("Sign Out");

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

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

jButton1ActionPerformed(evt);

}

});

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()

.addGap(155, 155, 155)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addGap(268, 268, 268)

.addComponent(jButton1)))

.addContainerGap(204, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(171, 171, 171)

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 129, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(48, 48, 48))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

this.setVisible(false);

Login\_page lg=new Login\_page();

lg.setVisible(true);

}

/\*\*

\* @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(thankyou.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(thankyou.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 thankyou().setVisible(true);

}

});

}

// Variables declaration - do not modify

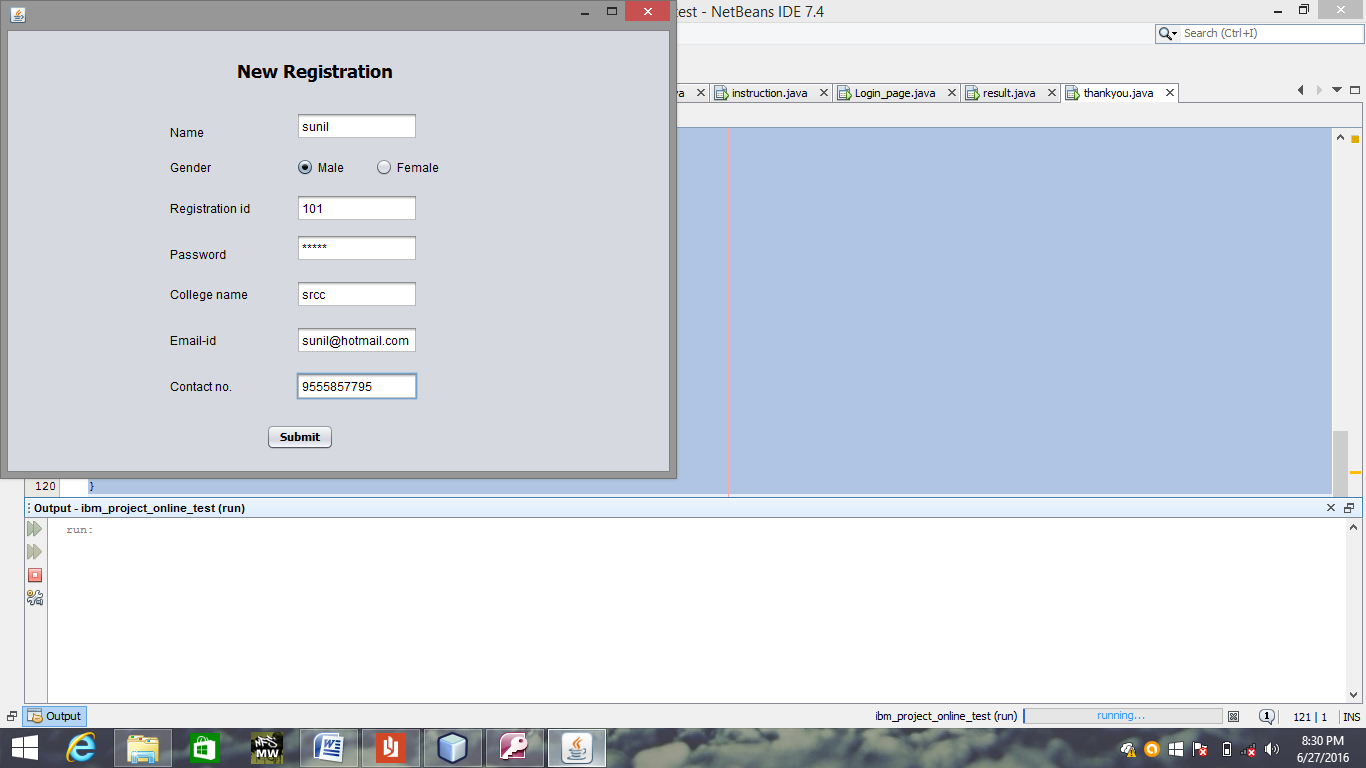
private javax.swing.JButton jButton1;

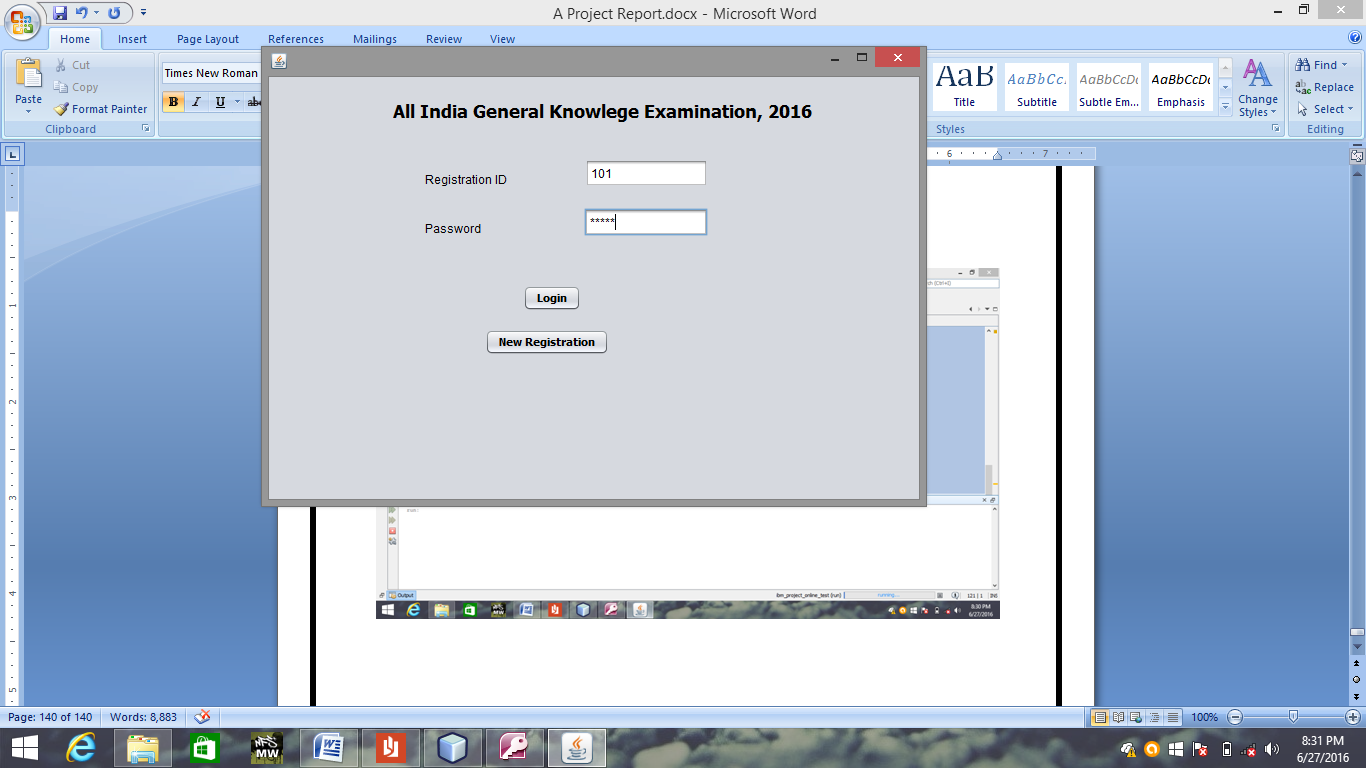
private javax.swing.JLabel jLabel1;

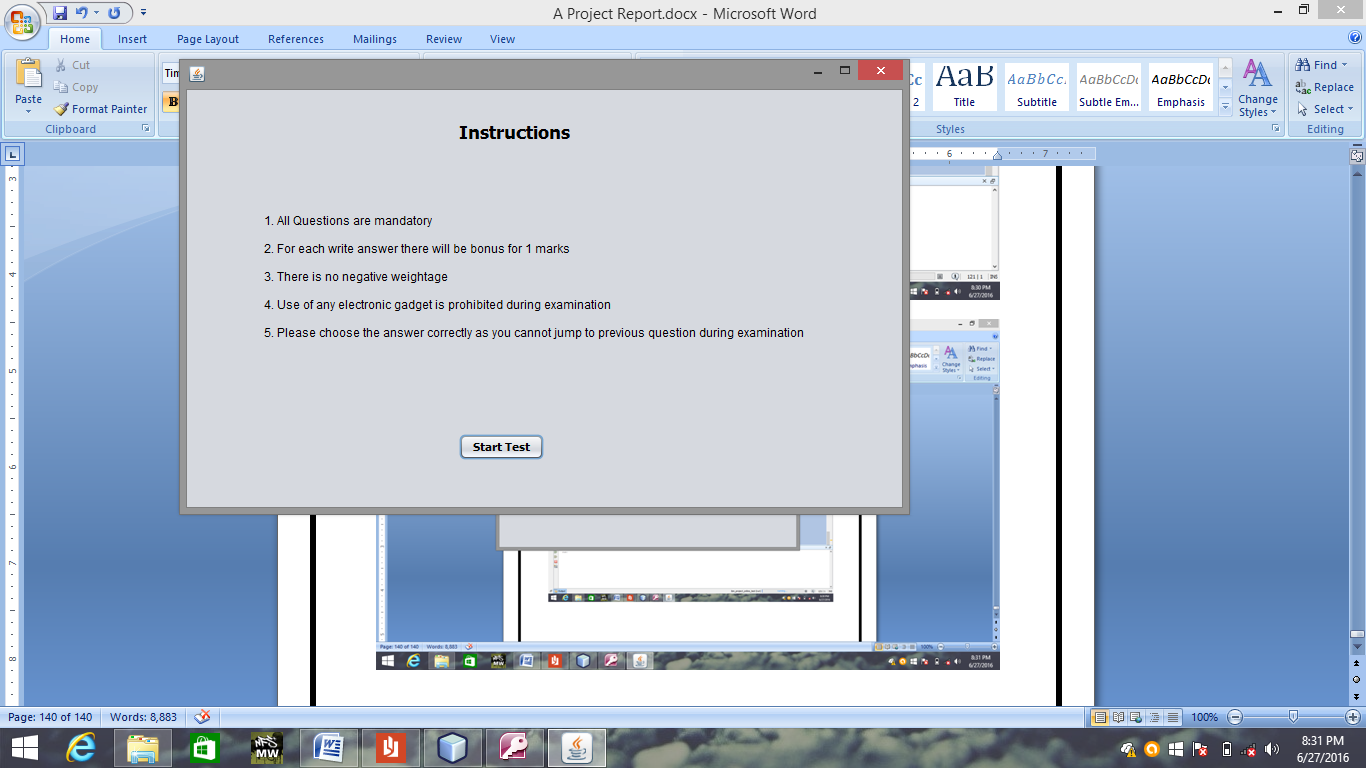
// End of variables declaration

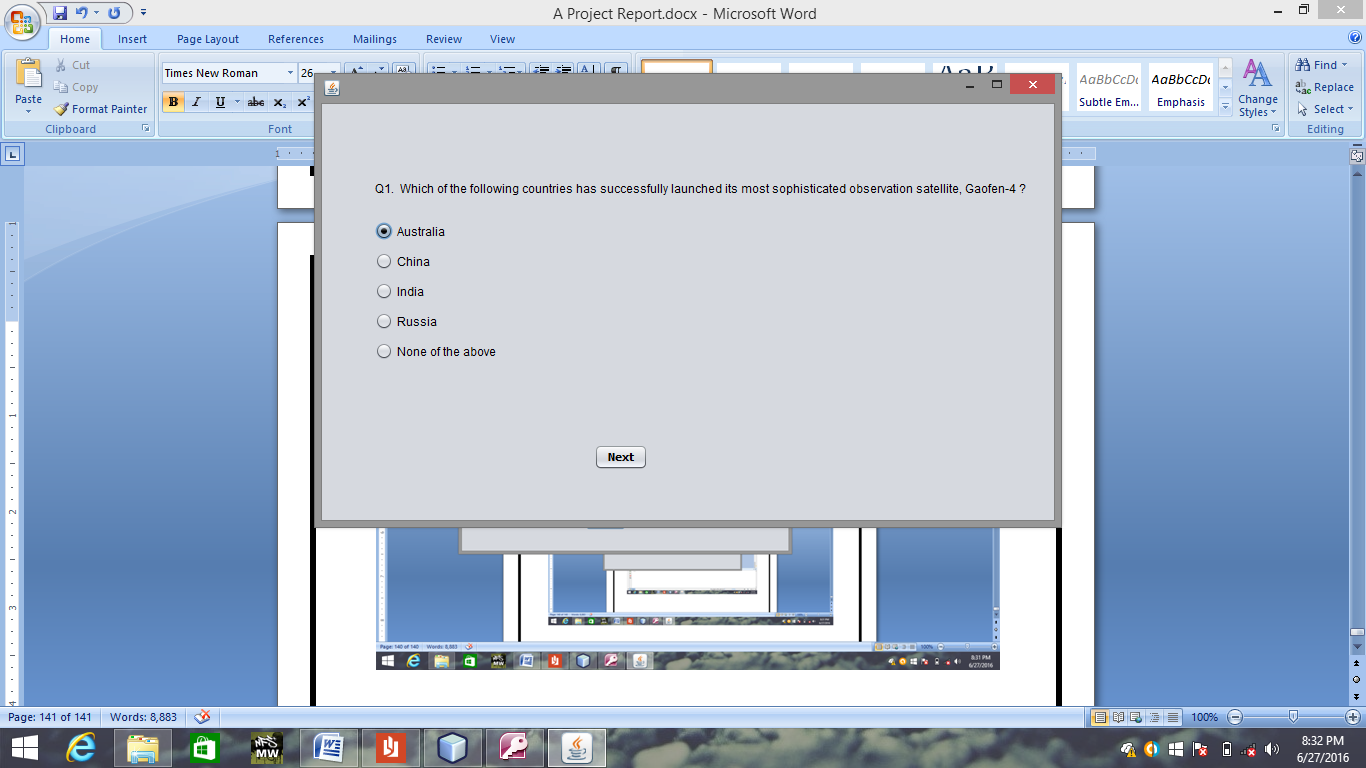
}

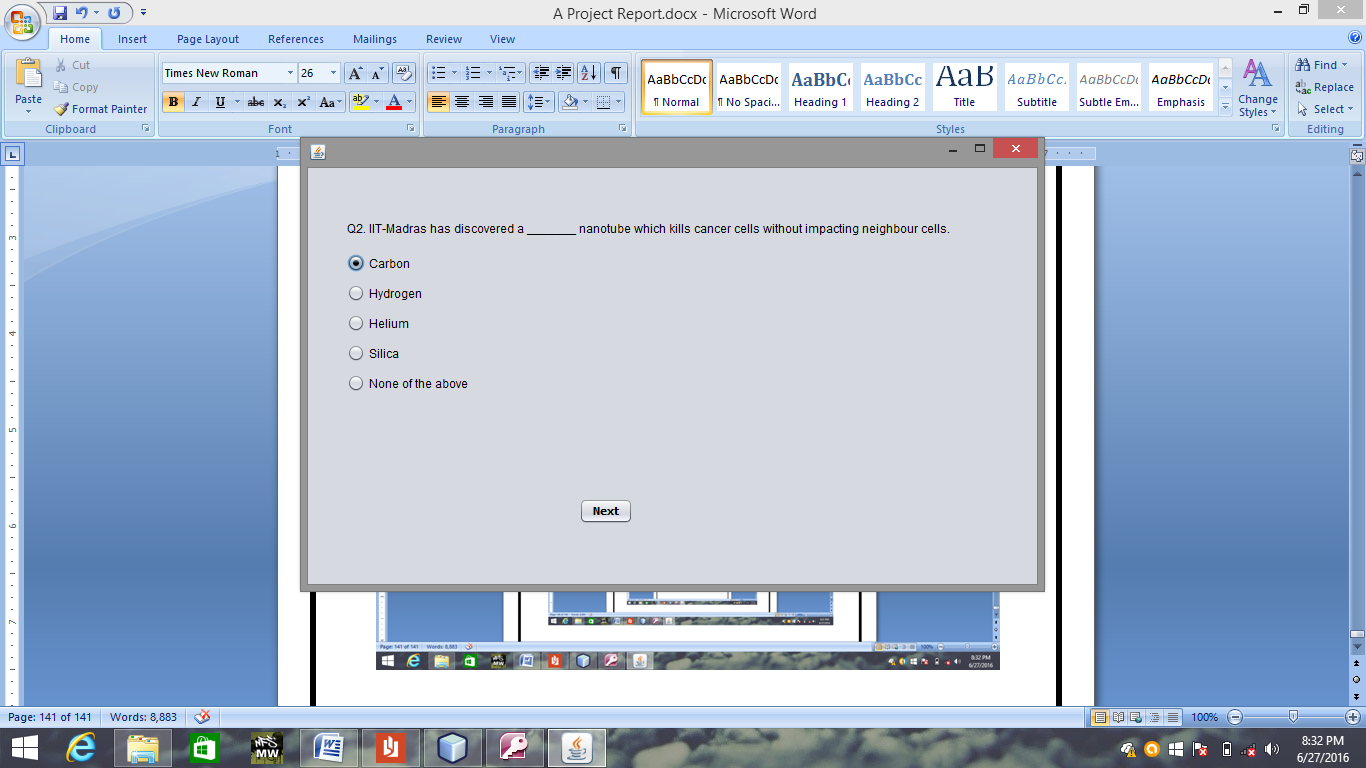
**Screenshots**

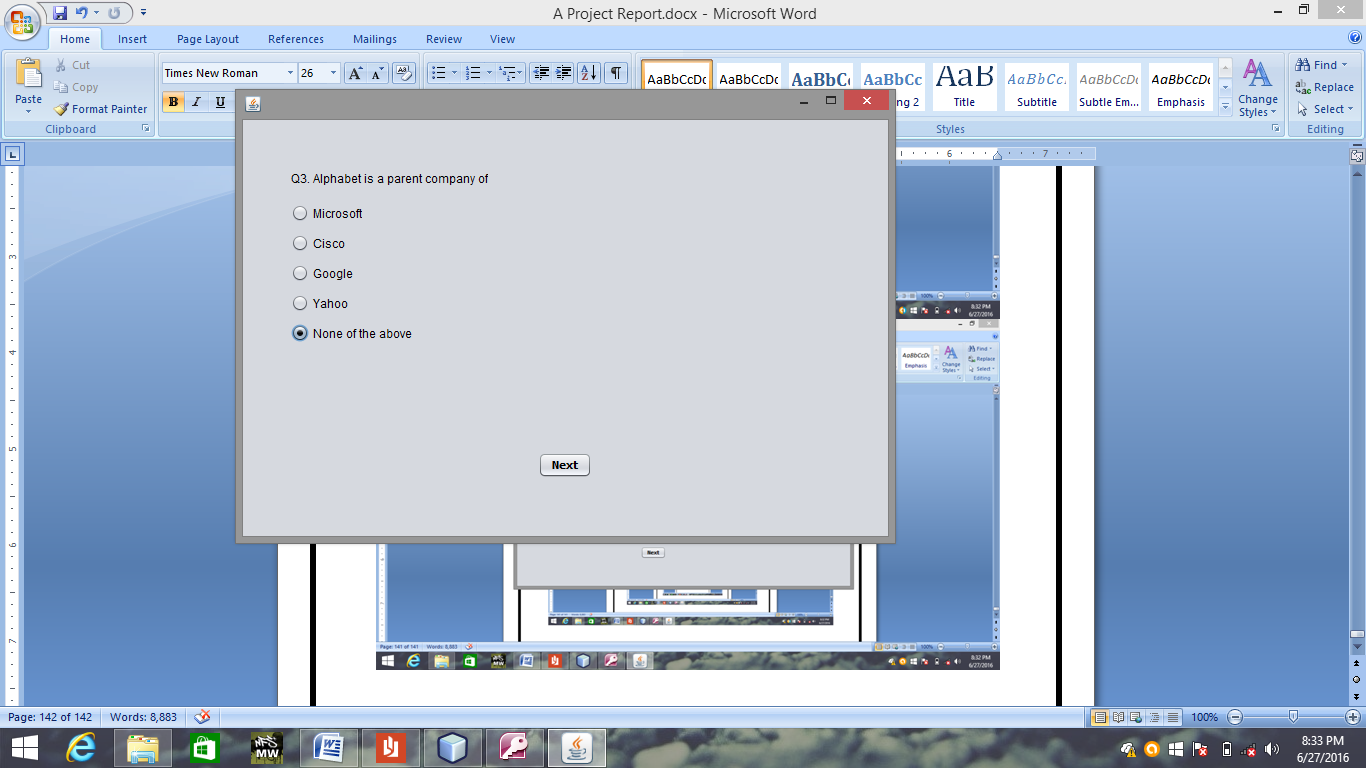
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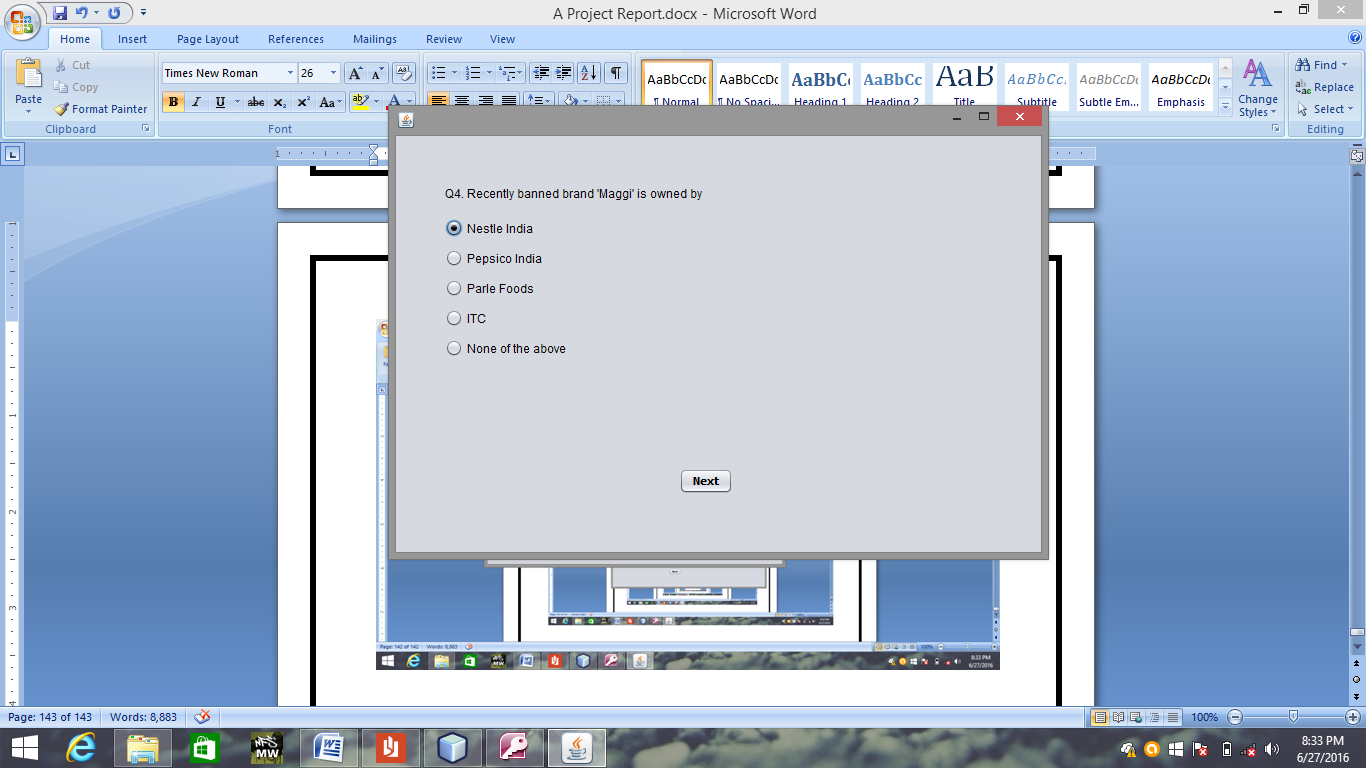
****

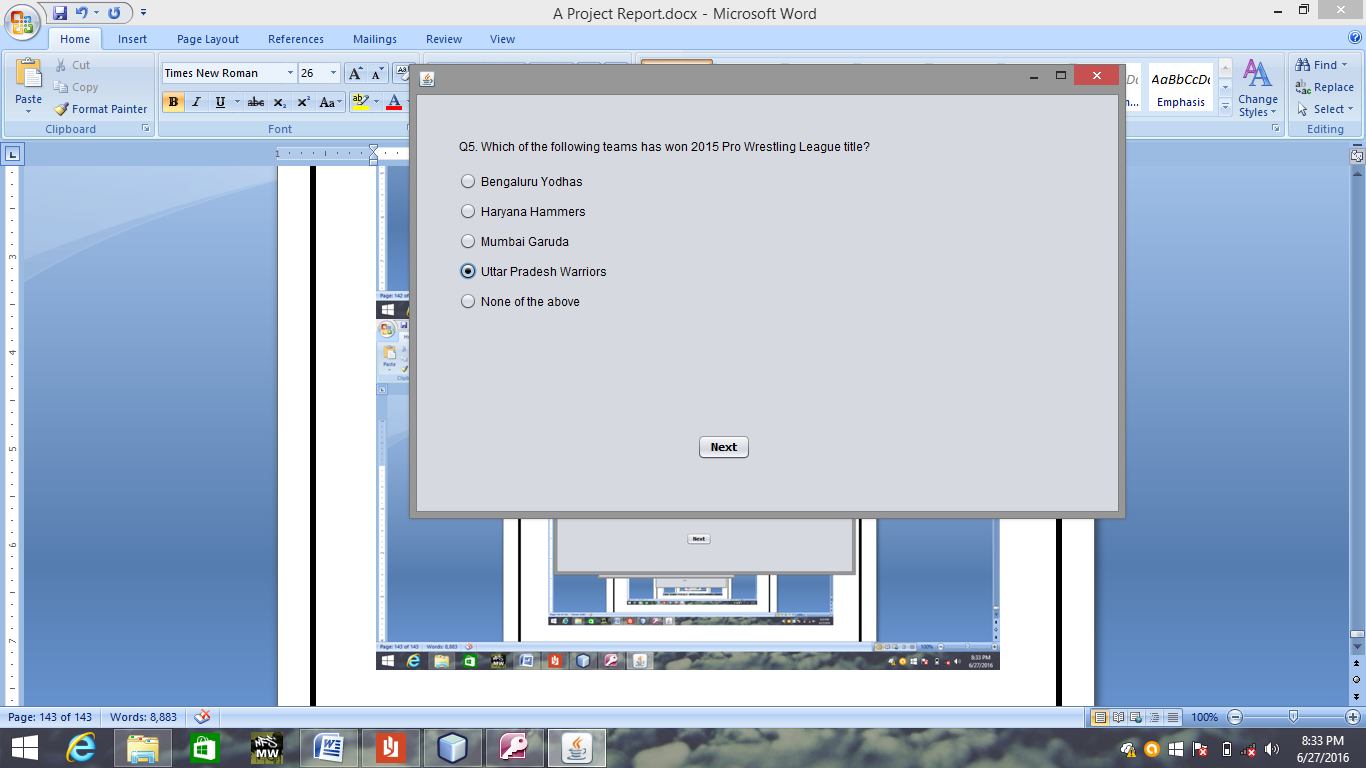
****

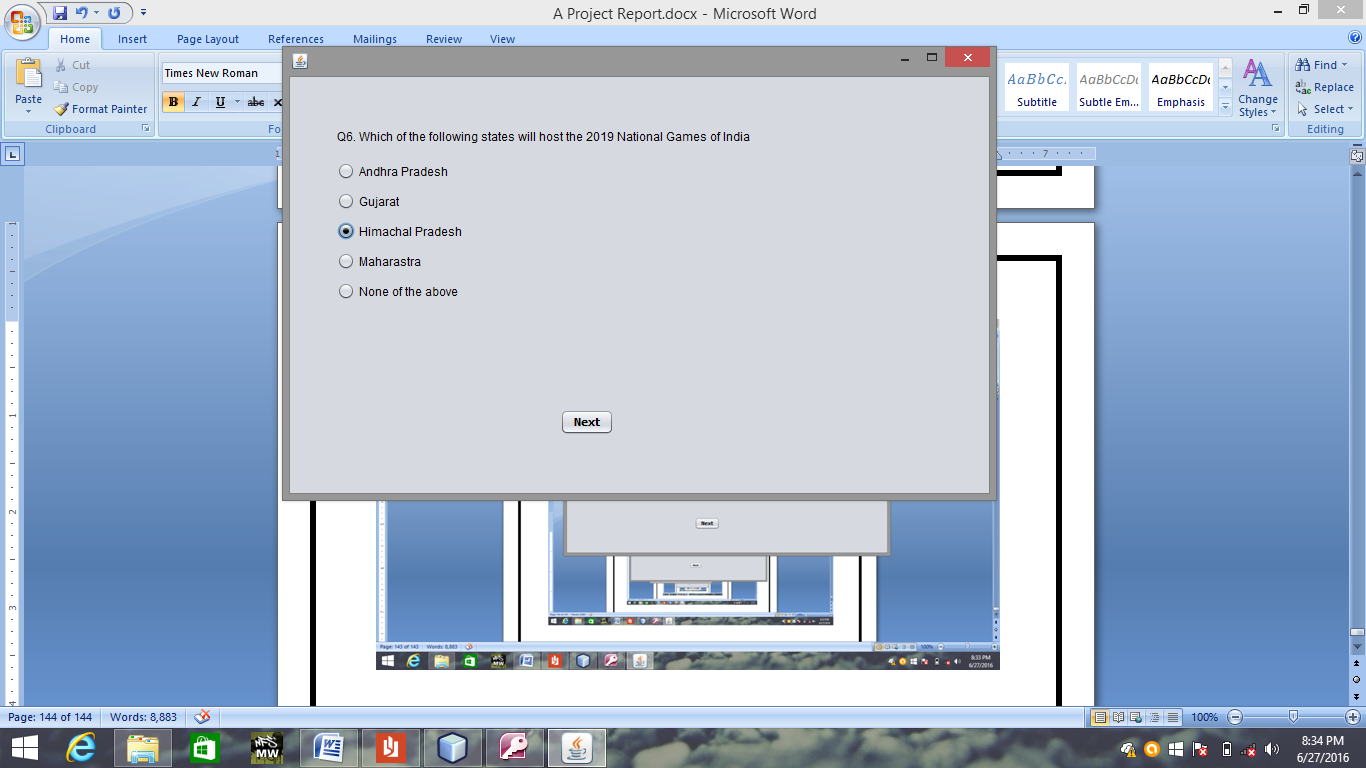
****

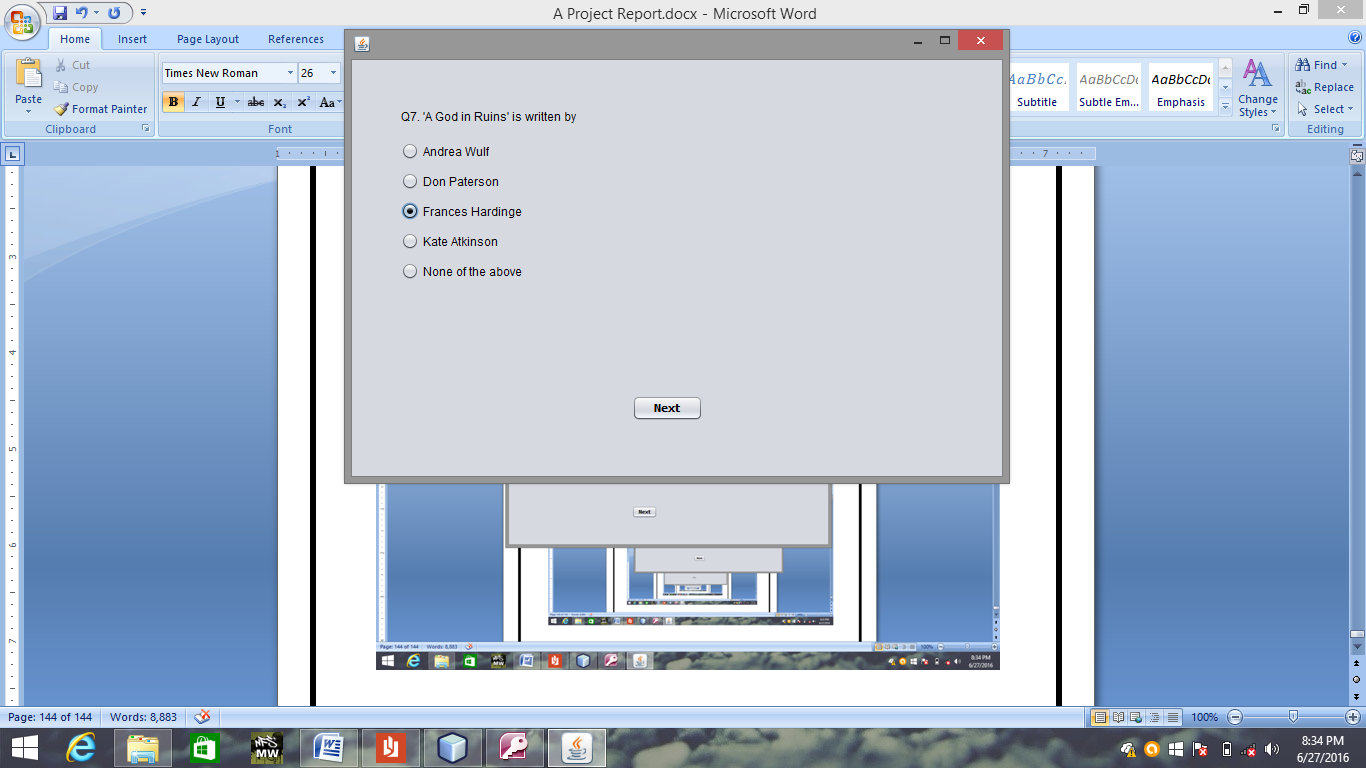
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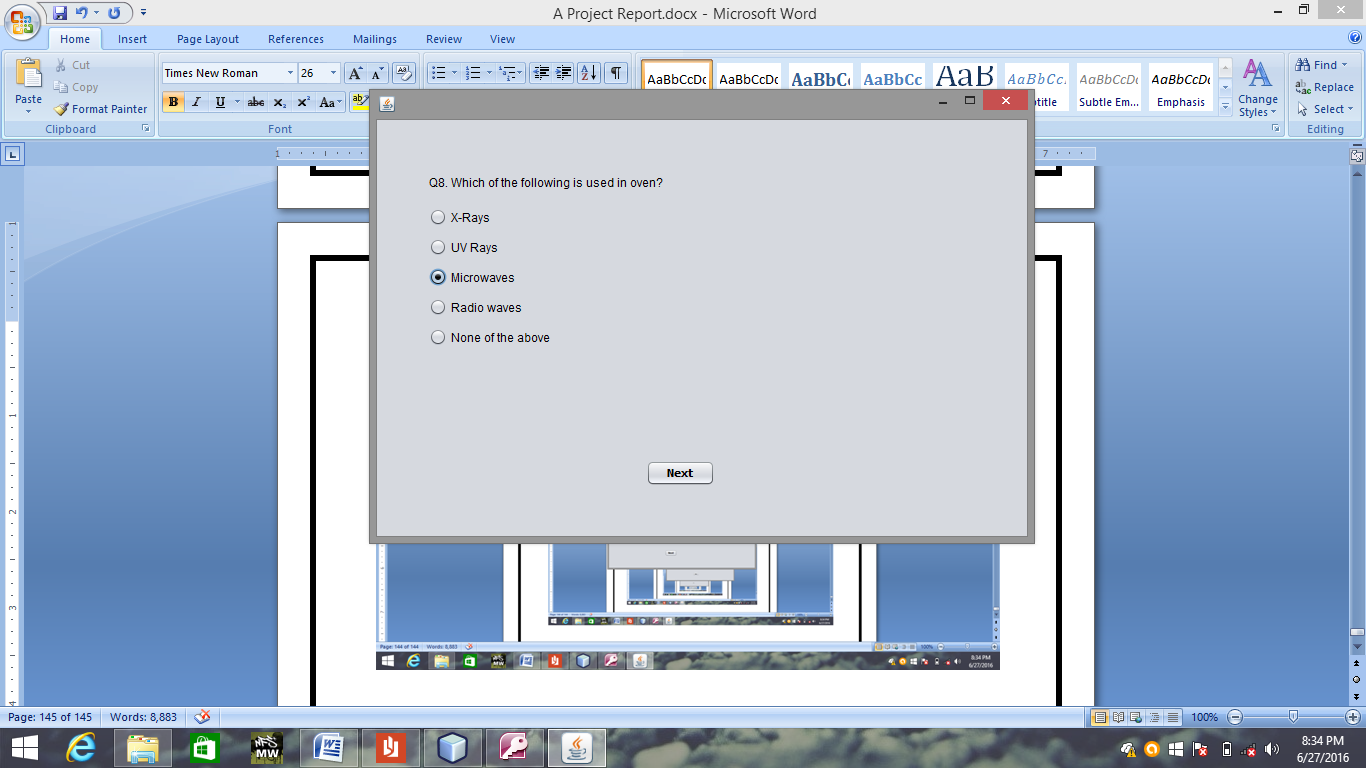
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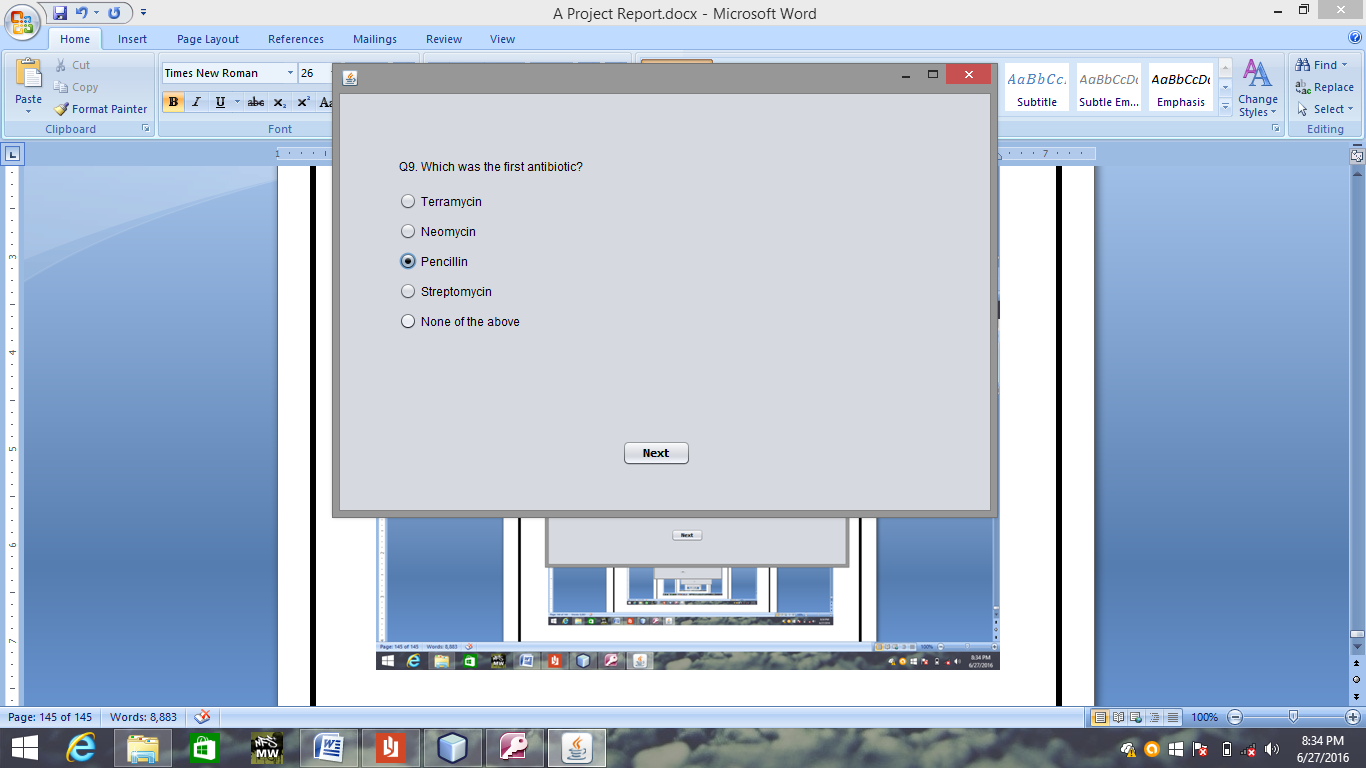
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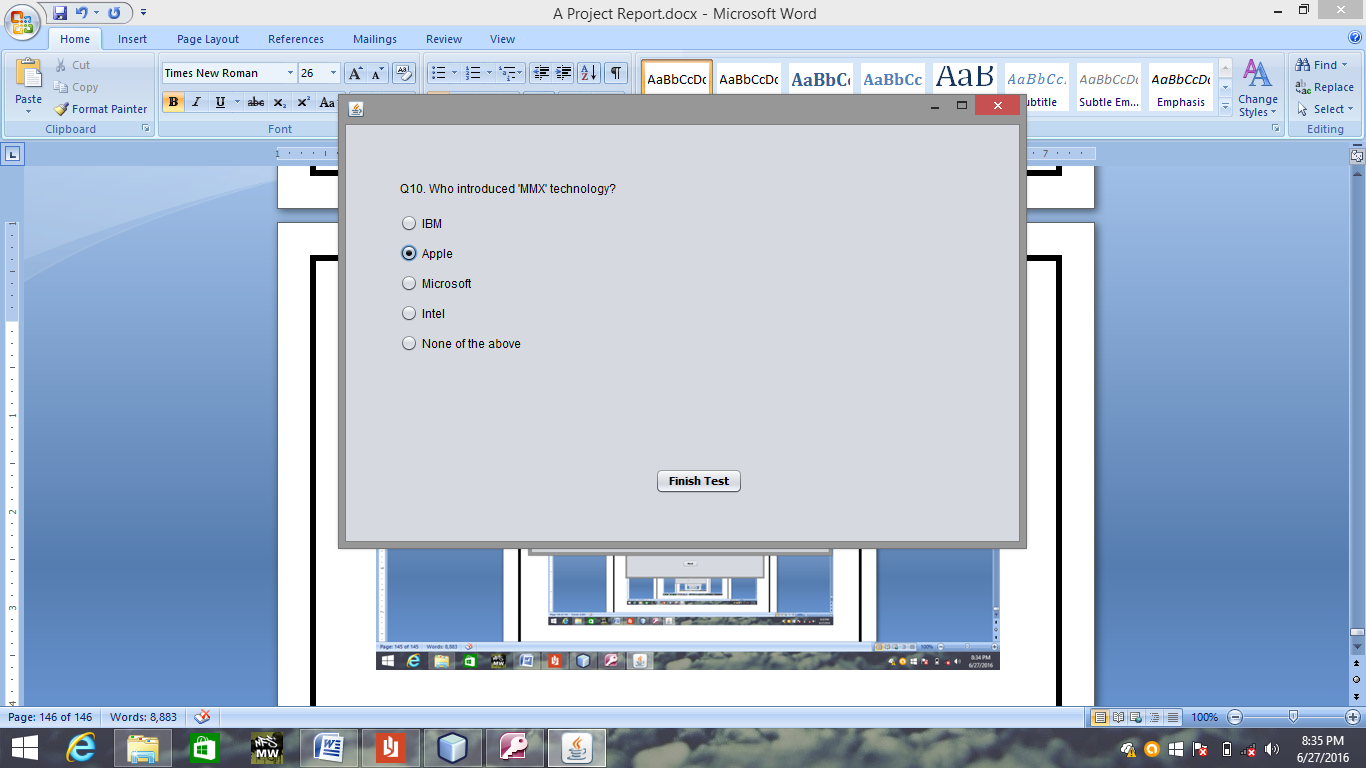
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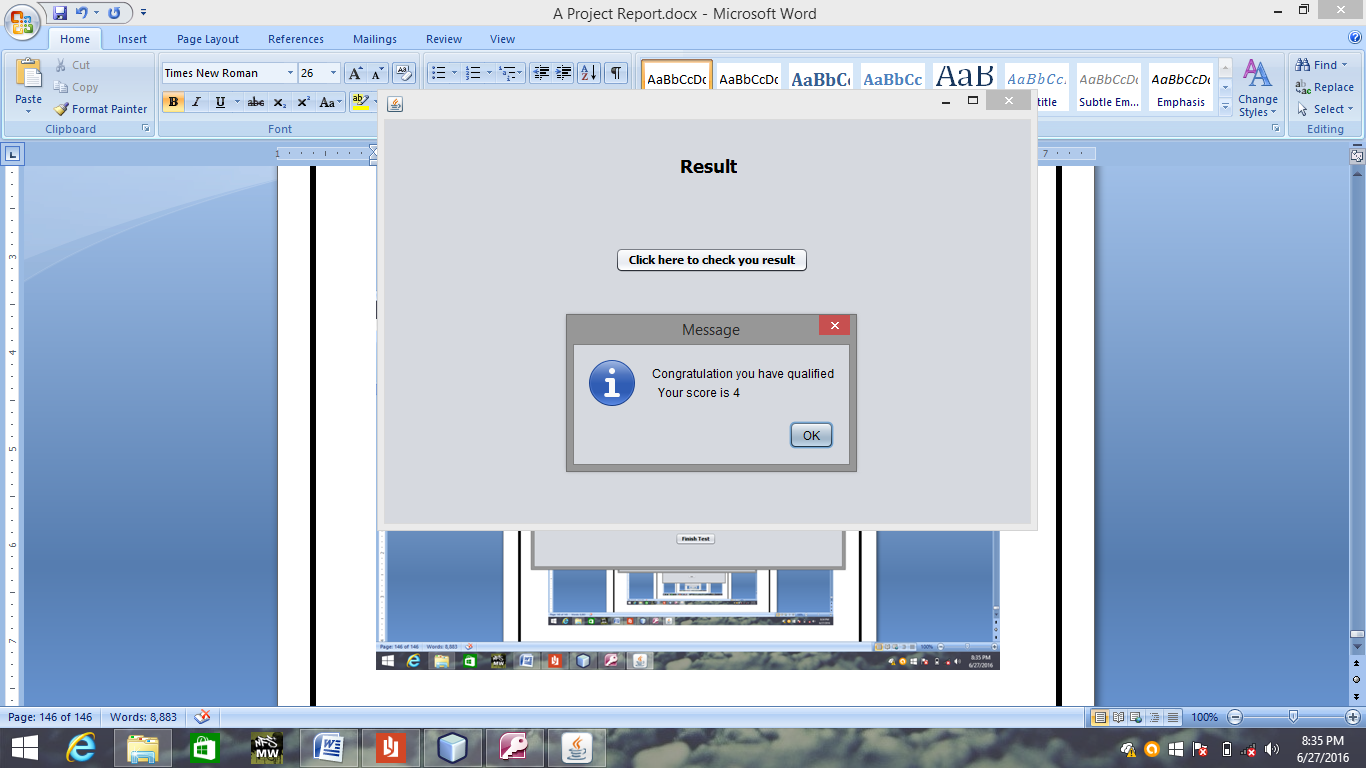
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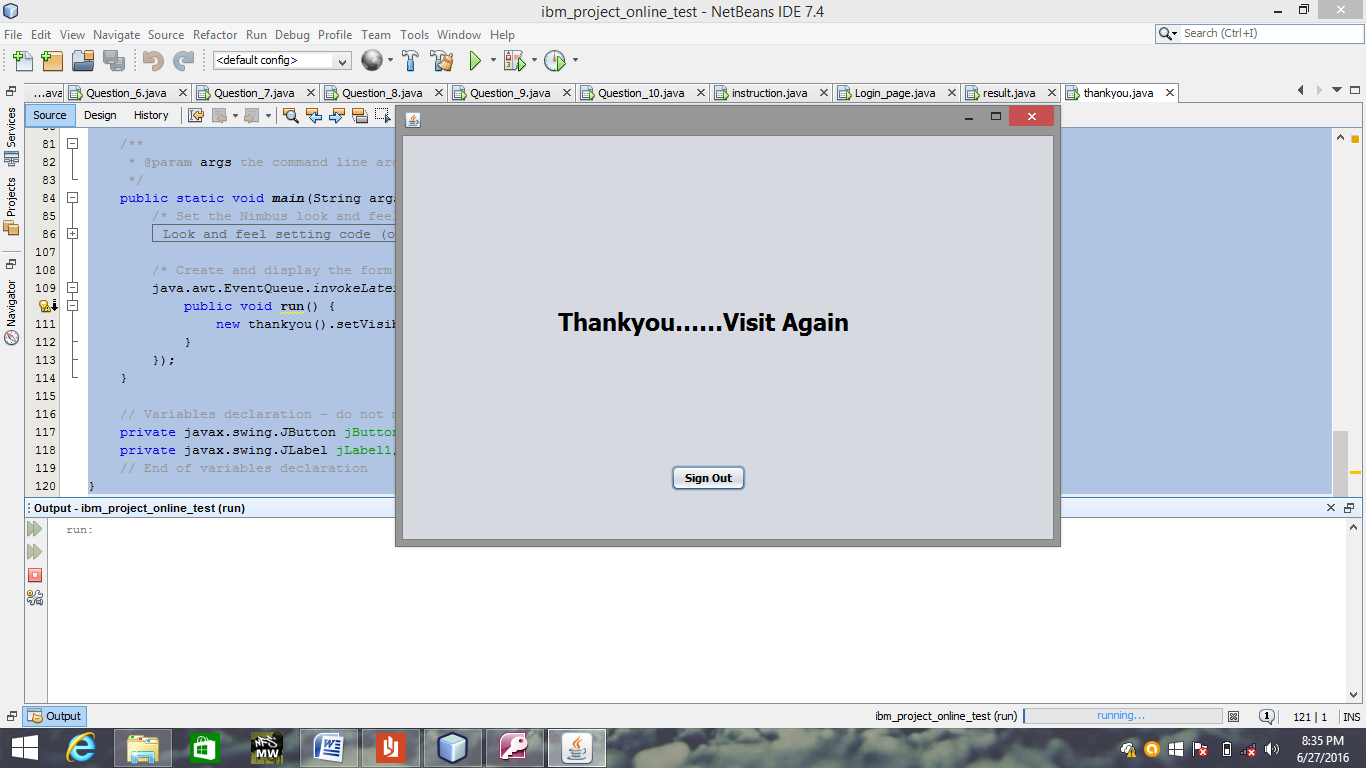
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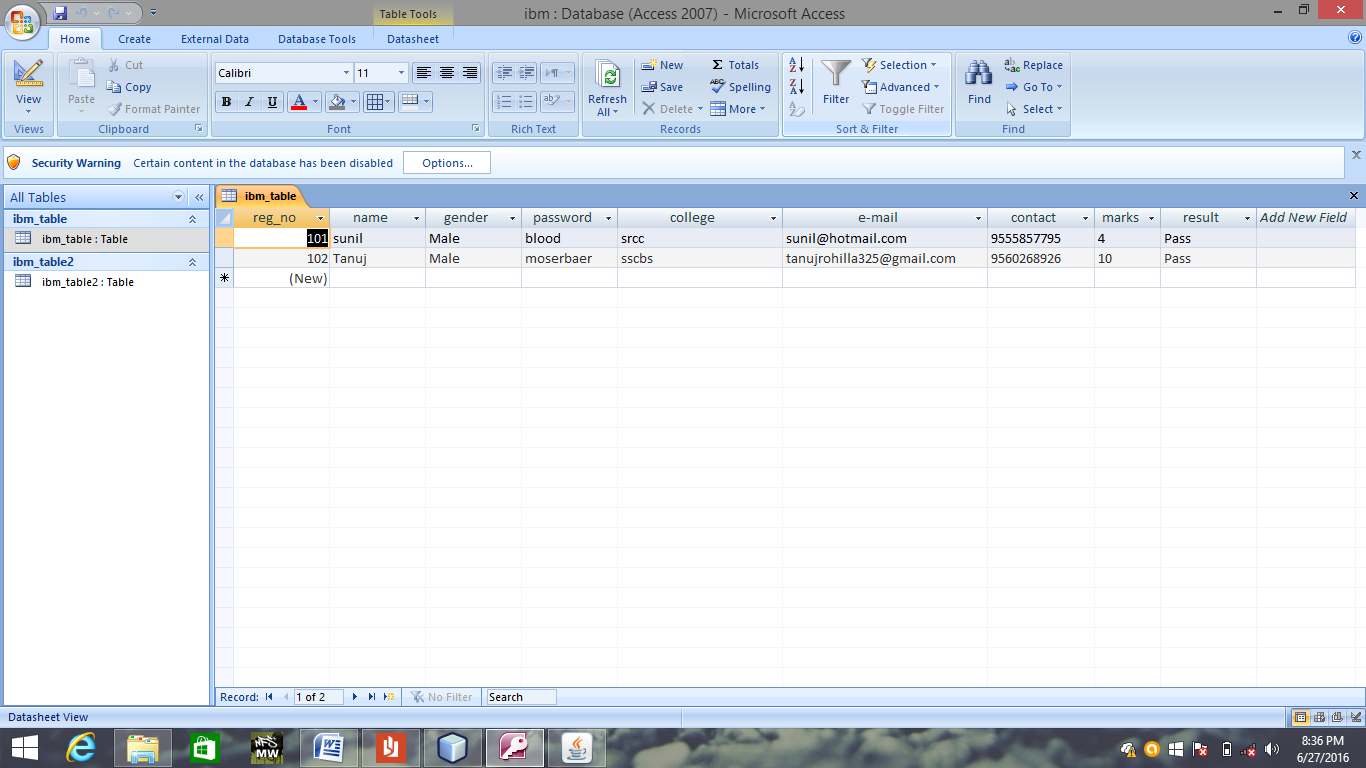
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**THANKYOU**