ONLINE QUIZ MANAGEMENT SYSTEM

Project report submitted in partial fulfillment of the requirements for the award of
degree of

BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY

Submitted By

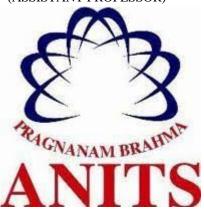320126511069 - CH BHAVANA

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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND
SCIENCES(UGC AUTONOMOUS)

(permanently Affiliated to AU,Approved by AICTE and Accredited by NBA & Naac with 'A' Grade)

sangivalasa ,Bheemili Mandal,Visakapatnam Dist(A.P) 2021-2022

DECLARATION

This is to certify that the project work entitled "ONLINE QUIZ MANAGEMENT SYSTEM" is a bonafide work carried out by CH BHAVANA, K DEEPAK SAI ,R NAVYA ,T JOHANAN FINNU. as a part of B.TECH second year 2nd semester of Information Technology of Andhra University, Visakhapatnam during the year 2020-2024.

We, CH BHAVANA, K DEEPAK SAI ,R NAVYA ,T JOHANAN FINNU. Students of fourth semester B.Tech, Information Technology from ANITS, Visakhapatnam, hereby declare that the project entitled "ONLINE QUIZ MANAGEMENT SYSTEM" is carried out by us and submitted in fulfilment of the requirements for the award of Bachelor of Technology in Information Technology, under Anil Neerukonda Institute of Technology and Sciences during the academic year 2021-2022 and has not been submitted to any other university for the award of any kind of degree.

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ACKNOWLEDGEMENT

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(UGC Autonomous Affiliated to Andhra University)
SANGIVALASA, VISAKHAPATNAM-531162
2020 - 2024

CERTIFICATE

This is to certify that this project report "ONLINE QUIZ MANAGEMENT SYSTEM" is the bonafied work of **CH BHAVANA(320126511069),K DEEPAK SAI(320126511083),R.NAVYA(320126511099),T.JOHANANFINNU(3201265 11106)** in partial fulfilment of the requirements for the award of Bachelor of Technology in Information Technology of Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam is a record of bonafide work carried out under my guidance and supervision.

PROJECT GUIDE   **HEAD OF THE DEPARTMENT**
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ABSTRACT

The main aim of developing this online quiz management system is to conduct an online quiz on different topics to the users. In this Java Application, the user can attempt a quiz on various subjects to test their ability. Admin in this application can add questions in their respective subjects and can also see the result of the users in a table.

So the project mainly helps the teachers to conduct quizzes to their students and to understand their level of growth in those subjects .Easy to attempt quiz for users and can view their scores after submission of quiz**.**

INTRODUCTION

The project aims to design an Online quiz management system application which enables the Users to attempt the quiz and to see their result and admins to create the quiz and see the results of the users who attempt the quiz.

OVERVIEW

The quiz management system provides service to the admins and the users. After login to their desired subjects users can attempt the quiz and see their result after completion of the quiz.Admins can create quiz and see the results of the users.

PURPOSE

Introduction to online quiz management system in java. This system in java enables the users to test their ability online. We can do this by using Java swing, Java awt standalone application.

SCOPE

Our project will be able to be implemented in future after making some changes and modifications as we make our project at a very low level. So the modifications that can be done in our project are:
To make it screen touch so no need to touch key buttons and one more change which can we made is to add snaps of the person who use it.

SYSTEM REQUIREMENTS

SOFTWARE FORNT END REQUIREMENTS:

-The fornt end for Online quiz is java Swing

-We are using ECLLIPSE

SOFTWARE BACK END REQUIREMENTS:

-The back end for Online quiz is Oracle

Problem statement

Online Quiz Management System is an intelligent prototype developed as a Multiple- Choice Questions (MCQ'S) examination system which is built as a Java based application. The main objective of this is to efficiently evaluate the marks of students using a fully automated system. This system not only saves a lot of time but also gives fast results. The core underlying automation of the online quiz management will generate questions and options on the fly basis and capture the answers from students into the database. It ensures that students will have the Mock Tests for practice and can get the results displayed in their panel.

Program code

//HOMEPAGE

```java
package program;
import javax.swing.*;
import java.awt.event.*;
import java.awt.*;
public class Homepage1  {
      private JFrame f;
      public static void main(String []args) {
            EventQueue.invokeLater(new Runnable() {
                  public void run() {
                        try {
                              Homepage1 h = new Homepage1();
                              h.f.setVisible(true);
                        } catch (Exception e) {
                              e.printStackTrace();
                        }}});
                  }
      public Homepage1() {
            initialize();
      }
      public void initialize() {
            f = new JFrame();
            f.getContentPane().setBackground(new Color(0, 128, 128));
            f.getContentPane().setLayout(null);
```

```
Image
i=Toolkit.getDefaultToolkit().getImage("C:\\Users\\CH.BHAVANA\\Downloads\\student-
card.png");
            f.setIconImage(i);
            JLabel l = new JLabel("ONLINE QUIZ");
            l.setFont(new Font("Courier New", Font.BOLD, 99));
            l.setForeground(new Color(248, 248, 255));
            l.setBounds(350, 168, 658, 114);
            f.getContentPane().add(l);
            JButton b = new JButton("HOME");
            b.addActionListener(new ActionListener() {
                   public void actionPerformed(ActionEvent e) {
                           JOptionPane.showMessageDialog(null,"Let's start this is HOME
PAGE:)");

                   }
            });
            b.setFont(new Font("Courier New", Font.BOLD, 16));
            b.setForeground(new Color(0, 0, 128));
            b.setBounds(912,359, 104, 29);
            f.getContentPane().add(b);
            JButton b2 = new JButton("ADMIN");
            b2.addActionListener(new ActionListener() {
                   public void actionPerformed(ActionEvent e) {
                   try {
                           Adminlogin1 a=new Adminlogin1();
                           a.Adminlogin1();
                   }
                    catch (Exception e1) {
                           e1.printStackTrace();
                   }
                   }});
            b2.setForeground(new Color(0, 0, 128));
            b2.setFont(new Font("Courier New", Font.BOLD, 16));
            b2.setBounds(400, 318, 117, 29);
            f.getContentPane().add(b2);
            JButton b1 = new JButton("USER");
            b1.addActionListener(new ActionListener() {
                   public void actionPerformed(ActionEvent e) {
                           Register us = null;
                           try {
```

```java
                                    us = new Register();
                            } catch (Exception e1) {
                                    e1.printStackTrace();
                            }
                            us.Register();
                    }});
            b1.setForeground(new Color(0, 0, 128));
            b1.setFont(new Font("Courier New", Font.BOLD, 16));
            b1.setBounds(655, 318, 117, 29);
            f.getContentPane().add(b1);
            JButton b3 = new JButton("ABOUT");
            b3.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent e) {
                            JOptionPane.showMessageDialog(null,"Hello    Users    !!    This
    application is a best platform for creation and attemption of Quiz :)");
                    }});
            b3.setForeground(new Color(0, 0, 128));
            b3.setFont(new Font("Courier New", Font.BOLD, 16));
            b3.setBounds(912, 318, 104, 29);
            f.getContentPane().add(b3);
            JLabel l2 = new JLabel("");
            l2.setIcon(new ImageIcon("B:\\New Folder\\books.png"));
            l2.setBounds(1030, 176, 92, 82);
            f.getContentPane().add(l2);
            JLabel l1 = new JLabel("");
            l1.setIcon(new ImageIcon("B:\\New Folder\\admin.png"));
            l1.setBounds(420, 349, 95, 107);
            f.getContentPane().add(l1);
            JLabel l3 = new JLabel("");
            l3.setIcon(new ImageIcon("B:\\New Folder\\student.png"));
            l3.setBounds(700, 349, 107, 100);
            f.getContentPane().add(l3);
            JLabel l4 = new JLabel("\n");
            l4.setIcon(new ImageIcon("B:\\New Folder\\info.png"));
            l4.setBounds(1030, 313, 32, 36);
            f.getContentPane().add(l4);
            JLabel l5 = new JLabel("\n");
            l5.setIcon(new ImageIcon("B:\\New Folder\\home1.png"));
            l5.setBounds(1030, 360, 32, 24);
            f.getContentPane().add(l5);
```

```java
                JLabel l6 = new JLabel("");
                l6.setBounds(2560, 1600, 61, 16);
                f.getContentPane().add(l6);
                f.setTitle("ONLINE QUIZ");
                f.setForeground(SystemColor.textHighlight);
                f.setBounds(0, 0, 2560, 1600);
                f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                ImageIcon i1=new ImageIcon("B:\\New Folder\\home.jpg");
                JLabel l7 = new JLabel();
                l7.setIcon(i1);
                l7.setBounds(0,0,1920,1080);
                f.add(l7);
        }
        private void setIcon(ImageIcon i) {}
        public void Homepage1() {
                f.setVisible(true);
        }
}
```

//ADMINLOGIN

```java
package program;
import java.awt.*;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.*;
import javax.swing.border.EmptyBorder;
import java.awt.event.*;
import java.sql.*;
public class Adminlogin1 extends JFrame{
        private JPanel c;
        private JTextField tf;
        private JPasswordField pf;
                public static void main(String[] args) throws Exception{
                        EventQueue.invokeLater(new Runnable() {
                                public void run() {
                                        try {
                                                Adminlogin1 frame = new Adminlogin1();
                                                frame.setVisible(true);
                                        } catch (Exception e) {
```

```
                                    e.printStackTrace();
                          }}});}
            public Adminlogin1() throws Exception{
                    Class.forName("oracle.jdbc.driver.OracleDriver");
                    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                    Statement st=con.createStatement();
                    final  ResultSet rs = st.executeQuery("Select * from admin_login");
                    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                    setBounds(0, 0, 1920, 1080);
                    c = new JPanel();
                    c.setBorder(new EmptyBorder(5, 5, 5, 5));
                    setContentPane(c);
                    c.setLayout(null);
                    JPanel panel = new JPanel();
                    panel.setBackground(new Color(255,182,193));//major
                    panel.setBounds(460, 125, 235, 515);
                    c.add(panel);
                    panel.setLayout(null);
                    JLabel l1 = new JLabel("");
                    l1.setIcon(new ImageIcon("B:\\New Folder\\admin.png"));
                    l1.setBounds(71, 191, 109, 100);
                    panel.add(l1);
                    JPanel p1 = new JPanel();
                    p1.setBounds(695, 125, 261, 505);
                    c.add(p1);
                    p1.setLayout(null);
                    JLabel ln = new JLabel("LOGIN");
                    ln.setForeground(new Color(0, 0, 0));
                    ln.setFont(new Font("New Peninim MT", Font.BOLD, 20));
                    ln.setBounds(54, 136, 96, 26);
                    p1.add(ln)
                    JLabel la = new JLabel("ADMIN ID");
                    la.setForeground(new Color(0,0,0));
                    la.setFont(new Font("American Typewriter", Font.PLAIN, 15));
                    la.setBounds(54, 199, 96, 16);
                    p1.add(la);
                    JLabel lp = new JLabel("PASSWORD");
                    lp.setForeground(new Color(0,0,0));
                    lp.setFont(new Font("American Typewriter", Font.PLAIN, 15));
```

```java
lp.setBounds(54, 264, 96, 16);
p1.add(lp);
JButton b = new JButton("");
b.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Homepage1 hp=new Homepage1();
                hp.Homepage1();
        }});
b.setIcon(new ImageIcon("B:\\New Folder\\home.png"));
b.setBounds(205, 125, 29, 29);
p1.add(b);
JButton b6 = new JButton("");
b6.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Homepage1 h=new Homepage1();
                h.Homepage1();}});
b6.setIcon(new ImageIcon("B:\\New Folder\\back.png"));
b6.setBounds(20,20, 24, 24);
p1.add(b6);
JButton b1 = new JButton("LOGIN");
b1.setFont(new Font("American Typewriter", Font.BOLD, 15));
b1.setForeground(new Color(0,0,0));
b1.setBounds(54, 328, 152, 29);
b1.addActionListener((ActionListener) new ActionListener() {
public void actionPerformed(ActionEvent e) {
                try {
                        int res=0;
                        while(rs.next()) {
                                        if(rs.getString(1).equals(tf.getText())
                                        &&
                                        rs.getString(3).equals(pf.getText()))
                                {
                                        res=1;
                                        Subjects s=new Subjects();
                                        s.Subjects();
                                        break; }
                                else
                                        continue;
                        }
                        if (res!=1) {
```

```java
            JOptionPane.showInternalMessageDialog(null,"Authentication          unsuccessful:(",
"message", JOptionPane.ERROR_MESSAGE);
                                    }}
                                    catch (SQLException e1) {
                                    e1.printStackTrace();
                                    }}});
            p1.add(b1);
            tf = new JTextField();
            tf.setForeground(new Color(255,0,127));
            tf.setBackground(new Color(240, 255, 240));
            tf.setBounds(54, 216, 152, 26);
            p1.add(tf);
            tf.setColumns(10);
            pf = new JPasswordField();
            pf.setBackground(new Color(240, 255, 240));
            pf.setForeground(new Color(255,0,127));
            pf.setBounds(54, 280, 152, 26);
            p1.add(pf);
            JPanel p2 = new JPanel();
            p2.setBackground(new Color(255,182,193));
            p2.setBounds(460, 115, 496, 10);
            c.add(p2);
            JPanel p3 = new JPanel();
            p3.setBackground(new Color(255,182,193));
            p3.setBounds(460, 630, 496, 10);
            c.add(p3);
            JPanel p4 = new JPanel();
            p4.setBackground(new Color(255,182,193));
            p4.setBounds(956, 115, 10, 525);
            c.add(p4);
            ImageIcon i=new ImageIcon("B:\\New Folder\\home.jpg");
            JLabel l7 = new JLabel();
            l7.setIcon(i);
            l7.setBounds(0,0,1920,1080);
            add(l7);}
        public void Adminlogin1() {
            setVisible(true);
        }}
```

//SUBJECTS PAGE

```java
package program;
import java.sql.*;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
public class Subjects extends JFrame {
        private JFrame j;
        public Subjects(){
                j=new JFrame();
                j.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                JLabel l = new JLabel("SELECT A SUBJECT");
                l.setFont(new Font("Courier New", Font.PLAIN, 50));
                l.setForeground(new Color(248, 248, 255));
                l.setBounds(495, 50, 658, 114);
                j.getContentPane().add(l);
                JButton b1 = new JButton("DC");
                b1.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                Answers a = null;
                                try {
                                        a = new Answers();
                                } catch (Exception e1) {
                                        e1.printStackTrace();
                                }
                                a.Answers();
                        }});
                b1.setForeground(new Color(0, 0, 128));
                b1.setFont(new Font("Courier New", Font.PLAIN, 25));
                b1.setBounds(550, 360, 400,70);
                j.getContentPane().add(b1);
                JButton b2 = new JButton("DBMS");
                b2.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                Answers a = null;
                                try {
                                        a = new Answers();
                                } catch (Exception e1) {
                                        e1.printStackTrace();
                                }
```

```java
                a.Answers();}});
b2.setForeground(new Color(0, 0, 128));
b2.setFont(new Font("Courier New", Font.PLAIN, 25));
b2.setBounds(550, 210, 400, 70);
j.getContentPane().add(b2);
JButton b3 = new JButton("OS");
b3.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Answers a = null;
                try {
                        a = new Answers();
                } catch (Exception e1) {
                        e1.printStackTrace();
                }
                a.Answers();}});
b3.setForeground(new Color(0, 0, 128));
b3.setFont(new Font("Courier New", Font.PLAIN, 25));
b3.setBounds(550, 660, 400, 70);
j.getContentPane().add(b3);
JButton b4 = new JButton("JAVA");
b4.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Answers a = null;
                try {
                        a = new Answers();
                } catch (Exception e1) {
                        e1.printStackTrace();
                }
                a.Answers();}});
b4.setForeground(new Color(0, 0, 128));
b4.setFont(new Font("Courier New", Font.PLAIN, 25));
b4.setBounds(550, 510, 400, 70);
j.getContentPane().add(b4);
JButton b = new JButton("");
b.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Homepage1 hp=new Homepage1();
                hp.Homepage1();
        }});
b.setIcon(new ImageIcon("B:\\New Folder\\home.png"));
```

```java
                b.setBounds(1450, 50, 29, 29);
                j.add(b);
                JButton b6 = new JButton("");
                b6.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                Homepage1 hp=new Homepage1();
                                hp.Homepage1();
                        }});
                b6.setIcon(new ImageIcon("B:\\New Folder\\back.png"));
                b6.setBounds(100, 50, 29, 29);
                j.add(b6);
                ImageIcon i=new ImageIcon("B:\\New Folder\\home.jpg");
                JLabel l7 = new JLabel();
                l7.setIcon(i);
                l7.setBounds(0,0,1920,1080);
                j.add(l7);
                j.setSize(1600,1600);
                j.getContentPane().setBackground(new Color(0, 128, 128));
                j.getContentPane().setLayout(null);
                }
                public static void main(String[] args) {
                EventQueue.invokeLater(new Runnable() {
                        public void run() {
                                try {
                                        Subjects s = new Subjects();
                                        s.j.setVisible(true);
                                } catch (Exception e) {
                                        e.printStackTrace();
                                }}});
                }
                public void Subjects() {
                j.setVisible(true);
                }
                }
```

//ADMIN PAGE2

```java
package program;
import java.sql.*;
import javax.swing.*;
```

```java
import java.awt.*;
import java.awt.event.*;
public class adminpage2 extends JFrame {
        private JFrame j;
        public adminpage2(){
                j=new JFrame();
                j.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                j.setSize(1600,1600);
                j.getContentPane().setBackground(new Color(0, 128, 128));
                j.getContentPane().setLayout(null);
                JLabel l = new JLabel("WELCOME ADMIN!!");
                l.setFont(new Font("Courier New", Font.PLAIN, 50));
                l.setForeground(new Color(255, 248, 255));
                l.setBounds(495, 50, 658, 114);
                j.getContentPane().add(l);
                JButton b2 = new JButton("CREATE QUIZ");
                b2.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                try {
                                        Class.forName("oracle.jdbc.driver.OracleDriver");
                                        Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                                        Statement st=con.createStatement();
                                        ResultSet rs=st.executeQuery("select *from adminque");
                        if(rs.next()) {
                                        JOptionPane.showInternalMessageDialog(null,"Quiz
already created ", "message", JOptionPane.ERROR_MESSAGE);
                                }
                        else {
                                JOptionPane.showMessageDialog(null,"ready to create quiz");
                                Questions q=new Questions();
                                q.Questions();}

                          }
                        catch(Exception e1) {
                                        System.out.println(e1);
                                }}});
                b2.setForeground(new Color(0, 0, 128));
                b2.setFont(new Font("Courier New", Font.PLAIN, 25));
                b2.setBounds(575, 250, 300,100);
```

```java
                j.getContentPane().add(b2);
                JButton b3 = new JButton("VIEW SCORE");
                b3.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                Score s=new Score();
                }});
                b3.setForeground(new Color(0, 0, 128));
                b3.setFont(new Font("Courier New", Font.PLAIN, 25));
                b3.setBounds(575, 650, 300,100);
                j.getContentPane().add(b3);
                JButton b4 = new JButton("DELETE QUIZ");
                b4.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                try {
                                        Class.forName("oracle.jdbc.driver.OracleDriver");
                                        Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                                        String query="TRUNCATE TABLE adminque";
                                        PreparedStatement ps=con.prepareStatement(query);
                                        Statement st=con.createStatement();
                                        ResultSet rs=st.executeQuery("select *from adminque");
                                        if(rs.next()) {
                                        ps.executeQuery();
                                        JOptionPane.showMessageDialog(null,"Quiz         Deleted
Successful");

                                        }
                                        else
                                        {

        JOptionPane.showInternalMessageDialog(null,"There is no quiz created to delete :(",
"message", JOptionPane.ERROR_MESSAGE);

                                        }
                                }
                                        catch(Exception e1) {
                                                System.out.println(e1);
                                }}});

                b4.setForeground(new Color(0, 0, 128));
                b4.setFont(new Font("Courier New", Font.PLAIN, 25));
```

```java
            b4.setBounds(575, 460, 300,100);
            j.getContentPane().add(b4);
            JButton b = new JButton("");
            b.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent e) {
                            Homepage1 hp=new Homepage1();
                            hp.Homepage1();
                    }});
            b.setIcon(new ImageIcon("B:\\New Folder\\home.png"));
            b.setBounds(1450, 50, 29, 29);
            j.add(b);
            JButton b6 = new JButton("");
            b6.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent e) {
                            Homepage1 hp=new Homepage1();
                            hp.Homepage1();
                    }});
            b6.setIcon(new ImageIcon("B:\\New Folder\\back.png"));
            b6.setBounds(100, 50, 29, 29);
            j.add(b6);
            JLabel l1 = new JLabel("");
            l1.setIcon(new ImageIcon("B:\\New Folder\\admin.png"));
            l1.setBounds(945, 50, 109, 100);
            j.add(l1);
            ImageIcon i=new ImageIcon("B:\\New Folder\\home.jpg");
            JLabel l7 = new JLabel();
            l7.setIcon(i);
            l7.setBounds(0,0,1920,1080);
            j.add(l7);
            }
    public static void main(String[] args) {
            EventQueue.invokeLater(new Runnable() {
                    public void run() {
                            try {
                                    adminpage2 s = new adminpage2();
                                    s.j.setVisible(true);
                            } catch (Exception e) {
                                    e.printStackTrace();
                            }
                    }});
```

```java
	}
	public void adminpage2() {
		j.setVisible(true);
	}
}


//QUESTIONS PAGE
package program;
import java.awt.Color;
import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.*;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
public class Questions{
	private int i =1;
	JButton b;
	JLabel l1,l2,l3,l4,l5,l6;
	JTextField t1,t2,t3,t5,t6,t4,t;
	public Questions() throws Exception{
		Class.forName("oracle.jdbc.driver.OracleDriver");
		Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
		String query="INSERT INTO adminque values (?,?,?,?,?,?,?)";
		final PreparedStatement ps=con.prepareStatement(query);
		JFrame f=new JFrame("Question page");
		f.setSize(1600,1600);

		f.setLayout(null);
		JButton b3=new JButton("SUBMIT");

		b3.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
```

```java
                                JOptionPane.showInternalMessageDialog(null,"Submitted
successfull", "message", JOptionPane.INFORMATION_MESSAGE);
                                Homepage1 h=new Homepage1();
                                h.Homepage1();
                }});
            int count1=1;
            final JButton b=new JButton("+QUES");

            String q="Q";
            b.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {

                                try {
                                        ps.setString(1,t.getText());
                                        ps.setString(2,t1.getText());
                                        ps.setString(3,t2.getText());
                                        ps.setString(4,t3.getText());
                                        ps.setString(5,t4.getText());
                                        ps.setString(6,t5.getText());
                                        ps.setString(7,t6.getText());
                                        /*ps.setString(8,null);
                                        ps.setString(9,null);*/
                                        ps.executeUpdate();
    JOptionPane.showInternalMessageDialog(null,"question          added",        "message",
JOptionPane.INFORMATION_MESSAGE);
                                                t1.setText("");
                                                t2.setText("");
                                                t3.setText("");
                                                t4.setText("");
                                                t5.setText("");
                                                t6.setText("");
                                }
                        catch (SQLException e1) {
                                e1.printStackTrace();
                        }
                                        if(e.getSource()==b) {
                                                i++;
                                                t.setText("Q"+i);
                                        }
                }});
```

```java
JButton b2=new JButton("clear");
b2.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                try {
                        t1.setText("");
                        t2.setText("");
                        t3.setText("");
                        t4.setText("");
                        t5.setText("");
                        t6.setText("");

                }
                catch(Exception e1) {
                        e1.printStackTrace();
                }
        }});
f.add(b2);
l2=new JLabel("1");
l3= new JLabel("2");
l4=new JLabel("3");
l5=new JLabel("4");
l6=new JLabel("ANS");
String p="Q"+1;
t=new JTextField(p);
t1=new JTextField();
t2=new JTextField();
t3=new JTextField();
t4=new JTextField();
t5=new JTextField();
t6=new JTextField();
l2.setBounds(70,315,20,20);
l3.setBounds(630,315,20,20);
l4.setBounds(70,515,20,20);
l5.setBounds(630,515,20,20);
l6.setBounds(338,700,50,50);
t.setBounds(30,80,50,50);
t1.setBounds(100,70,1300,60);
t2.setBounds(100,300,300,50);
t3.setBounds(660,300,300,50);
t4.setBounds(100,500,300,50);
```

```java
t5.setBounds(660,500,300,50);
t6.setBounds(380,700,300,50);
b3.setBounds(1062,700,100,50);
b.setBounds(862,700,100,50);
b2.setBounds(100,700,100,50);
l2.setFont(new Font("Courier New", Font.BOLD,20));
l3.setFont(new Font("Courier New", Font.BOLD,20));
l4.setFont(new Font("Courier New", Font.BOLD,20));
l5.setFont(new Font("Courier New", Font.BOLD,20));
l6.setFont(new Font("Courier New", Font.BOLD,20));
t.setForeground(new Color(255,0,127));
t.setBackground(new Color(240, 255, 240));
t.setFont(new Font("Courier New", Font.BOLD,27));
t1.setForeground(new Color(255,0,127));
t1.setBackground(new Color(240, 255, 240));
t1.setFont(new Font("Courier New", Font.BOLD,20));
t2.setForeground(new Color(255,0,127));
t2.setBackground(new Color(240, 255, 240));
t2.setFont(new Font("Courier New", Font.BOLD,20));
t3.setForeground(new Color(255,0,127));
t3.setBackground(new Color(240, 255, 240));
t3.setFont(new Font("Courier New", Font.BOLD,20));
t4.setForeground(new Color(255,0,127));
t4.setBackground(new Color(240, 255, 240));
t4.setFont(new Font("Courier New", Font.BOLD,20));
t5.setForeground(new Color(255,0,127));
t5.setBackground(new Color(240, 255, 240));
t5.setFont(new Font("Courier New", Font.BOLD,20));
t6.setForeground(new Color(255,0,127));
t6.setBackground(new Color(240, 255, 240));
t6.setFont(new Font("Courier New", Font.BOLD,20));
l2.setForeground(new Color(255, 255,255));
l3.setForeground(new Color(255, 255,255));
l4.setForeground(new Color(255, 255,255));
l5.setForeground(new Color(255, 255,255));
l6.setForeground(new Color(255, 255,255));
JButton b1 = new JButton("");
b1.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Homepage1 hp=new Homepage1();
```

```java
                        hp.Homepage1();
                }});
        b1.setIcon(new ImageIcon("B:\\New Folder\\home.png"));
        b1.setBounds(1460, 30, 29, 29);
        f.add(b1);
        JButton b6 = new JButton("");
        b6.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                        Subjects s=new Subjects();
                        s.Subjects();
        }});
        b6.setIcon(new ImageIcon("B:\\New Folder\\back.png"));
        b6.setBounds(10, 10, 29, 29);
        f.add(b6);
        f.add(b3);
        f.add(b);
        f.add(l2);
        f.add(l3);
        f.add(l4);
        f.add(l5);
        f.add(l6);
        f.add(t);
        f.add(t1);
        f.add(t2);
        f.add(t3);
        f.add(t4);
        f.add(t5);
        f.add(t6);
        ImageIcon i=new ImageIcon("B:\\New Folder\\home.jpg");
        JLabel l7 = new JLabel();
        l7.setIcon(i);
        l7.setBounds(0,0,1920,1080);
        f.add(l7);
        f.setVisible(true);
        f.setDefaultCloseOperation(3);
}
public static void main(String[] args) {
try {
        Questions p=new Questions();
} catch (Exception e) {
```

```
                e.printStackTrace();
        }}
        public void Questions() {}

}


```

//REGISTER PAGE

```
package program;
import java.sql.*;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
public class Register extends JFrame{
        private JTextField txt,t1,t2,t3;
        public static void main(String[] args) {
                EventQueue.invokeLater(new Runnable() {
                        public void run() {
                                try {
                                        Register frame = new Register();
                                        frame.setVisible(true);
                                } catch (Exception e) {
                                        e.printStackTrace();
        }

                                }
                        });
        }
        public Register() throws Exception {
                Class.forName("oracle.jdbc.driver.OracleDriver");
                Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                 String query="INSERT INTO register values (?,?,?,?,?)";
                 String q="INSERT INTO REG VALUES(?)";
                final PreparedStatement ps=con.prepareStatement(query);
                final PreparedStatement ps1=con.prepareStatement(q);
                setBounds(0, 0, 1920, 1080);
                getContentPane().setLayout(null);
                JPanel panel = new JPanel();
                panel.setBackground(new Color(255,182,193));
```

```java
panel.setBounds(741, 123, 235, 497);
getContentPane().add(panel);
panel.setLayout(null);
JLabel l5 = new JLabel("\n");
l5.setIcon(new ImageIcon("B:\\New Folder\\student.png"));
l5.setBounds(85, 180, 105, 102);
panel.add(l5);
JPanel p1 = new JPanel();
p1.setBounds(491, 133, 250, 477);
getContentPane().add(p1);
p1.setLayout(null);
JLabel l = new JLabel("REGISTER!");
l.setFont(new Font("New Peninim MT", Font.BOLD,16 ));
l.setForeground(new Color(0, 0, 0));
l.setBounds(46, 65, 89, 20);
p1.add(l);
JButton button = new JButton("");
button.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Homepage1 hp=new Homepage1();
                hp.Homepage1();
        }
});
button.setIcon(new ImageIcon("B:\\New Folder\\home.png"));
button.setBounds(198, 56,33, 29);
p1.add(button);
JButton b6 = new JButton("");
b6.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Homepage1 hp=new Homepage1();
                hp.Homepage1();
}});
b6.setIcon(new ImageIcon("B:\\New Folder\\back.png"));
b6.setBounds(10, 10, 24, 24);
p1.add(b6);
JLabel l1 = new JLabel("USER_NAME");
l1.setForeground(new Color(0, 0, 0));
l1.setFont(new Font("American Typewriter", Font.PLAIN, 15));
l1.setBounds(47, 124, 130, 16);
p1.add(l1);
```

```java
JLabel l2 = new JLabel("USER_ID");
l2.setFont(new Font("American Typewriter", Font.PLAIN, 15));
l2.setForeground(new Color(0, 0, 0));
l2.setBounds(47, 180, 130, 16);
p1.add(l2);
JLabel l3 = new JLabel("DEPARTMENT");
l3.setFont(new Font("American Typewriter", Font.PLAIN, 15));
l3.setForeground(new Color(0, 0, 0));
l3.setBounds(47,228, 130, 26);
p1.add(l3);
JLabel l4 = new JLabel("GMAIL");
l4.setForeground(new Color(0, 0, 0));
l4.setFont(new Font("American Typewriter", Font.PLAIN, 15));
l4.setBounds(47, 289, 130, 16);
p1.add(l4);
JButton b1 = new JButton("REGISTER");
b1.setForeground(new Color(0, 0, 0));
b1.setFont(new Font("American Typewriter", Font.BOLD, 15));
b1.setBounds(47, 351, 165, 29);
b1.addActionListener( new ActionListener() {
            public void actionPerformed(ActionEvent e) {
            try {
                    ps.setString(1,txt.getText());
                    ps1.setString(1,t1.getText());
                    ps.setString(2,t1.getText());
                    ps.setString(3,t2.getText());
                    ps.setString(4,t3.getText());
                    ps.setString(5,null);
                    ps.executeUpdate();
                    ps1.executeUpdate();
JOptionPane.showInternalMessageDialog(null,"registration        successfull",        "message",
JOptionPane.INFORMATION_MESSAGE);
                    Instructions i=new Instructions();
                    i.Instructions();
            }
            catch(Exception e1) {
                    e1.printStackTrace();
            }

        } });
```

```
p1.add(b1);
txt = new JTextField();
txt.setBackground(new Color(240, 255, 240));
txt.setForeground(new Color(255,0,127));
txt.setBounds(47, 147, 165, 26);
p1.add(txt);
txt.setColumns(10);
t1 = new JTextField();
t1.setBackground(new Color(240, 255, 240));
t1.setForeground(new Color(255,0,127));
t1.setBounds(47, 196, 165, 26);
p1.add(t1);
t1.setColumns(10);
t2 = new JTextField();
t2.setBackground(new Color(240, 255, 240));
t2.setForeground(new Color(255,0,127));
t2.setBounds(47, 251, 165, 26);
p1.add(t2);
t2.setColumns(10);
t3 = new JTextField();
t3.setBackground(new Color(240, 255, 240));
t3.setForeground(new Color(255,0,127));
t3.setBounds(47,303, 165, 26);
p1.add(t3);
t3.setColumns(10);
JPanel panel_1 = new JPanel();
panel_1.setBackground(new Color(255,182,193));
panel_1.setBounds(487, 123, 254, 10);
getContentPane().add(panel_1);
JPanel panel_2 = new JPanel();
panel_2.setBackground(new Color(255,182,193));
panel_2.setBounds(481, 123, 10, 497);
getContentPane().add(panel_2);
JPanel panel_3 = new JPanel();
panel_3.setBackground(new Color(255,182,193));
panel_3.setBounds(487, 610, 254, 10);
getContentPane().add(panel_3);
ImageIcon i=new ImageIcon("B:\\New Folder\\home.jpg");
JLabel l7 = new JLabel();
l7.setIcon(i);
```

```java
        l7.setBounds(0,0,1920,1080);
            add(l7);
        }
        public void Register() {
            setVisible(true);
        }
}
```

//ANSWERS PAGE

```java
package program;
import java.awt.Color;
import java.awt.EventQueue;
import java.awt.Font;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.*;
import java.util.ArrayList;
import java.util.List;
import javax.swing.AbstractButton;
import javax.swing.ButtonGroup;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JRadioButton;
import javax.swing.JTextField;
public class Answers {
        JFrame f;
        JLabel l1,l,l2,l3;
        JRadioButton r1,r2,r3,r4;
        ButtonGroup bg;
        JButton b1,b3,b;
        String check[][] =new String[20][2];
        int marks=0;
        String ans="",crct="";
        public Answers() throws Exception{
                try {
                        f=new JFrame("Question page");
```

```java
                b1 = new JButton("");
                 b3=new JButton("SUBMIT");
                  b=new JButton("NEXT");
              Class.forName("oracle.jdbc.driver.OracleDriver");
              Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
              Statement st=con.createStatement();
              String qid="Q"+1;
              String Query="SELECT *from adminque where qid='"+qid+"'";
              final ResultSet rs=st.executeQuery(Query);
              if(rs.next()) {
                      l1=new JLabel("Q");
                      l=new JLabel(")");
                      l2=new JLabel("Question view");
                      l3=new JLabel();
                      r1=new JRadioButton("option 1");
                      r2=new JRadioButton("option 2");
                      r3=new JRadioButton("option 3");
                      r4=new JRadioButton("option 4");
                      bg=new ButtonGroup();
                      bg.add(r1);
                      bg.add(r2);
                      bg.add(r3);
                      bg.add(r4);
                      }
              else{
                      JOptionPane.showInternalMessageDialog(null,"NO QUIZ CREATED :(",
"message", JOptionPane.ERROR_MESSAGE);
                       Homepage1 h=new Homepage1();
                       h.Homepage1();
                  }}
              catch(Exception e) {
                      JOptionPane.showMessageDialog(null, e);
              }
        b.addActionListener(new ActionListener() {
                      int i=0;
                      public void actionPerformed(ActionEvent e) {
                              try {
```

```java
                                        i++;
                                        l1.setText("Q"+i);
                                        String q="Q"+i;
                                        Class.forName("oracle.jdbc.driver.OracleDriver");
                                        Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                                        Statement st=con.createStatement();
                                        String Query="SELECT *from adminque where
                                qid='"+q+"'";

                                        final ResultSet rs=st.executeQuery(Query);
                                        if(rs.next()) {
                                                l1.setText(rs.getString(1));
                                                l2.setText(rs.getString(2));
                                                r1.setText(rs.getString(3));
                                                r2.setText(rs.getString(4));
                                                r3.setText(rs.getString(5));
                                                r4.setText(rs.getString(6));
                                                check[i-1][0]=rs.getString(7);
                                                System.out.println(crct);
                                                r1.addActionListener(new ActionListener() {
                                                public void actionPerformed(ActionEvent e) {
                                                        ans=r1.getText();
                                                        check[i-1][1]=ans;
                                                        }});
                                                r2.addActionListener(new ActionListener() {
                                                public void actionPerformed(ActionEvent e) {
                                                        ans=r2.getText();
                                                        check[i-1][1]=ans;
                                                        }});
                                                r3.addActionListener(new ActionListener() {
                                                public void actionPerformed(ActionEvent e) {
                                                        ans=r3.getText();
                                                        check[i-1][1]=ans;
                                                        }});


                                                r4.addActionListener(new ActionListener() {
                                                public void actionPerformed(ActionEvent e) {
                                                        ans=r4.getText();
```

```java
                                check[i-1][1]=ans;
                                }});
                                bg.clearSelection();
                        }
                        else{
                                JOptionPane.showInternalMessageDialog(null,"
SUBMIT YOUR QUIZ ", "message", JOptionPane.INFORMATION_MESSAGE);
                                }}

                        catch(Exception e1) {
                                JOptionPane.showMessageDialog(null, e1);

                        }}});
                        b3.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                JOptionPane.showInternalMessageDialog(null,"Submitted
successful", "message", JOptionPane.INFORMATION_MESSAGE);
                        try {
                                String c = null;
                                int b;
                                Connection con;
                                con                                        =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                                Statement st=con.createStatement();
                                PreparedStatement  ps1  =  con.prepareStatement("select
count(qid) from adminque");
                ResultSet r2=ps1.executeQuery();
                if(r2.next()) {
                        c=r2.getString(1);
                }
                b= Integer.parseInt(c);
                String Query="SELECT *from reg";
                for(int j=0;j<b;j++) {
                                System.out.println("answers");
                                System.out.println("crct ans:   "+check[j][0]);
                                System.out.println("selected ans:   "+check[j][1]);
                                if(check[j][0].equals(check[j][1])) {
                                        marks=marks+1;
                                        }
```

```java
                                System.out.println(marks);
                                final ResultSet rs=st.executeQuery(Query);
                                if (rs.next()){
                                        String a=rs.getString(1);
                                        String s1="UPDATE Register SET MARKS
                                ='"+marks+"' WHERE USERID = '"+a+"'";
                                        st.executeUpdate(s1);}}
                        }catch (SQLException e1) {}
                        Score s=new Score();
                        s.score();
                        }});
        l1.setBounds(30,77,50,50);
        l.setBounds(70,77,50,50);
        l2.setBounds(100,70,1300,60);
        l3.setBounds(50, 50, 100, 100);
        r1.setBounds(70,211,500,30);
        r2.setBounds(70,311,500,30);
        r3.setBounds(70,411,500,30);
        r4.setBounds(70,511,500,30);
        b3.setBounds(660,650,100,50);
        b.setBounds(900,650,100,50);
        l1.setForeground(new Color(255,255,255));
        l.setForeground(new Color(255,255,255));
        l2.setForeground(new Color(255, 255,255));
        l3.setForeground(new Color(255, 255,255));
        r1.setForeground(new Color(255,255,255));
        r2.setForeground(new Color(255,255,255));
        r3.setForeground(new Color(255, 255,255));
        r4.setForeground(new Color(255, 255,255));
        r1.setBackground(new Color(255,0,127));
        r2.setBackground(new Color(255,0,127));
        r3.setBackground(new Color(255,0,127));
        r4.setBackground(new Color(255,0,127));
        r1.setForeground(new Color(255,255,255));
        l1.setFont(new Font("Courier New", Font.BOLD,25));
        l.setFont(new Font("Courier New", Font.BOLD,25));
        l2.setFont(new Font("Courier New", Font.BOLD,25));
        l2.setFont(new Font("Courier New", Font.BOLD,25));
        r1.setFont(new Font("Courier New", Font.BOLD,25));
        r2.setFont(new Font("Courier New", Font.BOLD,22));
```

```java
r3.setFont(new Font("Courier New", Font.BOLD,22));
r4.setFont(new Font("Courier New", Font.BOLD,22));
b1.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Homepage1 hp=new Homepage1();
                hp.Homepage1();
        }

});
b1.setIcon(new ImageIcon("B:\\New Folder\\home.png"));
b1.setBounds(1460, 30, 29, 29);
f.add(b1);
JButton b6 = new JButton("");
b6.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                Subjects s=new Subjects();
                s.Subjects();
        }});
b6.setIcon(new ImageIcon("B:\\New Folder\\back.png"));
b6.setBounds(10, 10, 29, 29);
f.add(b6);
f.add(b3);
f.add(b);
f.add(r1);
f.add(r2);
f.add(r3);
f.add(r4);
f.add(l1);
f.add(l);
f.add(l2);
f.add(l3);
ImageIcon i=new ImageIcon("B:\\New Folder\\home.jpg");
JLabel l7 = new JLabel();
l7.setIcon(i);
l7.setBounds(0,0,1920,1080);
f.setSize(1600,1600);
f.setLayout(null);
f.add(l7);
f.setDefaultCloseOperation(3);
}
```

```java
        protected String String(int marks2) {
                return null;
        }
        public void Answers() {
                f.setVisible(true);
        }
        public static void main(String[] args) {
                EventQueue.invokeLater(new Runnable() {
                        public void run() {
                                try {
                                        Answers s = new Answers();
                                        s.f.setVisible(true);
                                } catch (Exception e) {
                                        e.printStackTrace();
                                }
                        }});
        }
        }
```

//SCORE PAGE

```java
package program;
import java.sql.*;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
public class Score  {
        JFrame f;
        JLabel l,l1;
        public  Score() {
        f=new JFrame();
        l = new JLabel("score:");
        l.setFont(new Font("Courier New", Font.BOLD, 99));
        l.setForeground(new Color(248, 248, 255));
        l.setBounds(450,450,500,80);
        f.add(l);
        l1 = new JLabel();
        l1.setFont(new Font("Courier New", Font.BOLD, 102));
```

```java
l1.setForeground(new Color(248, 248, 255));
            l1.setBounds(850,450,500,80);
            JLabel l3 = new JLabel("");
            l3.setIcon(new ImageIcon("B:\\New Folder\\stu.png"));
            l3.setBounds(550,-150, 900,900);
            f.add(l3);
            try {
                    String a="";
                    Class.forName("oracle.jdbc.driver.OracleDriver");
                    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                    Statement st=con.createStatement();
                    String q1="SELECT *from reg";
                    Statement st1=con.createStatement();
                    ResultSet r1=st.executeQuery(q1);
                    if(r1.next()) {
                            a=r1.getString(1);
                            String q2="SELECT * from register where USERID='"+a+"'";
                            ResultSet r2=st.executeQuery(q2);
                            if(r2.next()) {
                                    String s=String.valueOf(r2.getString(5));
                                    l1.setText(s);
                            }
                    }}
                    catch(Exception e1) {}
            JButton b = new JButton("ok");
            b.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                    try {
                            Class.forName("oracle.jdbc.driver.OracleDriver");
                            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                            String query="TRUNCATE TABLE REG";
                            PreparedStatement ps=con.prepareStatement(query);
                            Statement st=con.createStatement();
                            ResultSet rs=st.executeQuery("select *from REG");
                            if(rs.next()) {
                            ps.executeQuery();
                            JOptionPane.showMessageDialog(null,"YOU   COMPLETED   A
QUIZ");
```

```
                                        Homepage1 hp=new Homepage1();
                                        hp.Homepage1();
                                        }}
                                        catch(Exception e1) {}
                }});
                b.setFont(new Font("American Typewriter", Font.BOLD, 15));
                b.setForeground(new Color(0,0,0));
                b.setBounds(700,650,100,50);
                f.add(b);
                ImageIcon i1=new ImageIcon("B:\\New Folder\\home.jpg");
                JLabel l7 = new JLabel();
                l7.setIcon(i1);
                l7.setBounds(0,0,1920,1080);
                f.add(l);
                f.add(l1);
                f.add(b);
                f.add(l7);
                f.setSize(1600,1600);
                f.setLayout(null);
                f.setDefaultCloseOperation(3);
        }
        protected void Homepage1() {}
        public void score() {
                f.setVisible(true);
        }
        public static void main(String[] args) {
                Score s = new Score();
                s.score();
        }
        public void Score() {
         new Score();
        }
}

//VIWE SCORE

package program;
import java.sql.*;
import javax.swing.*;
import java.util.Vector;
```

```java
import javax.swing.table.DefaultTableModel;
import java.awt.*;
import java.awt.event.*;
public class Viewscore {
JFrame j;
 static JTable table;
 String[] columnNames = {"Username", "userid", "marks"};
public Viewscore() {
                j=new JFrame();
                j.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                j.setLayout(new BorderLayout());
                DefaultTableModel model = new DefaultTableModel();
     model.setColumnIdentifiers(columnNames);
                 table = new JTable();
                 table.setModel(model);
                 table.setAutoResizeMode(JTable.AUTO_RESIZE_ALL_COLUMNS);
                 table.setFillsViewportHeight(true);
                 JScrollPane scroll = new JScrollPane(table);
                 scroll.setHorizontalScrollBarPolicy(
                 JScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED);
                scroll.setVerticalScrollBarPolicy(
                 JScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED);
                 String username = "";
                String userid = "";
                 String marks = "";
        try {
                 Class.forName("oracle.jdbc.driver.OracleDriver");
                 Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","admin");
                 String a = null;
                 int b;
                 PreparedStatement pst = con.prepareStatement("select * from register");
            ResultSet rs = pst.executeQuery();
            PreparedStatement ps1 = con.prepareStatement("select count(username) from
register");
            ResultSet r2=ps1.executeQuery();
            if(r2.next()) {
                  a=r2.getString(1);
            }
            b= Integer.parseInt(a);
```

```
            System.out.println(b);
            for(int i=0;i<b;i++) {
            if (rs.next()) {
            username = rs.getString(1);
            userid = rs.getString(2);
            marks = rs.getString(5);
             model.addRow(new Object[]{username,userid,marks});
            } }}
            catch (Exception ex) {
        JOptionPane.showMessageDialog(null,          ex.getMessage(),          "Error",
    JOptionPane.ERROR_MESSAGE);
        }
            JButton b1 = new JButton("ok");
            b1.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
            Homepage1 hp=new Homepage1();
                        hp.Homepage1();
            }});
            b1.setForeground(new Color(0, 0, 128));
            b1.setFont(new Font("Courier New", Font.PLAIN, 25));
            b1.setBounds(620,700, 300,70);
            j.add(b1);
            JButton b = new JButton("");
            b.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent e) {
                            Homepage1 hp=new Homepage1();
                            hp.Homepage1();
                    }});
            JButton b6 = new JButton("");
            b6.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent e) {
                            Homepage1 hp=new Homepage1();
                            hp.Homepage1();
                    }});
            scroll.setOpaque(true);
            j.add(scroll);
            j.setSize(1600,1600);
            j.setBackground(new Color(255,182,193));
            }
```

```java
public static void main(String[] args) {
      Viewscore v = new Viewscore();
      v.j.setVisible(true);
      }

      public void Viewscore() {
            j.setVisible(true);
      }


}
```
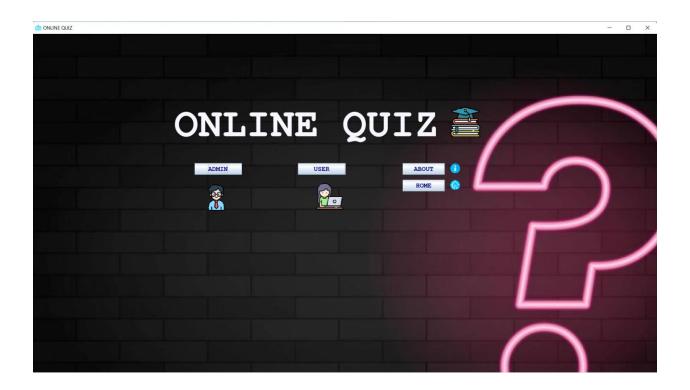
//Instruction Page

```java
package program;
import javax.swing.*;
import java.awt.event.*;
import java.awt.*;
public class Instructions extends JFrame{
     JFrame j;
     JButton b;
     public  Instructions() {
            j=new JFrame();
            j.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
            JLabel l = new JLabel("INSTRUCTIONS:");
            l.setFont(new Font("Courier New", Font.BOLD, 50));
            l.setForeground(new Color(248, 248, 255));
            l.setBounds(150, 50, 658, 114);
            j.getContentPane().add(l);

            JLabel l1 = new JLabel("");
            l1.setIcon(new ImageIcon("B:\\New
Folder\\books.png"));
            l1.setBounds(50,30, 114, 114);
            j.getContentPane().add(l1);

            JTextArea a=new JTextArea("Hello Students!! You have
to attempt \n all the questions without skipping \n any
questions. You have 4 options \nfor each each question .you need
to\n select only one option among them.\n Once you go for  next
question\n you can't modify the previous- \nquestion.Carefully
select your \noptions and attend the quiz\n
\n       GOOD LUCK:)\n Are you ready to attempt the quiz!!!");
            a.setFont(new Font("Courier New", Font.PLAIN,22));
```

```java
            a.setForeground(new Color(248,248,255));
            a.setBackground(new Color(255,182,193));
            a.setBounds(50,150,500,500);
            j.getContentPane().add(a);

            JButton b = new JButton("START");
            b.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e){
                Answers a = null;
                try {
                    a = new Answers();
                } catch (Exception e1) {
                    e1.printStackTrace();
                }
                a.Answers();
                }});
            b.setForeground(new Color(0, 0, 128));
            b.setFont(new Font("Courier New", Font.BOLD, 22));
            b.setBounds(650,700, 200, 40);
            ImageIcon i=new ImageIcon("B:\\New Folder\\home.jpg");
            JLabel l7 = new JLabel();
            l7.setIcon(i);
            l7.setBounds(0,0,1920,1080);
            j.add(b);
            j.add(l7);
            j.setSize(1600,1600);
            j.getContentPane().setBackground(new Color(0, 128,
128));
            j.getContentPane().setLayout(null);
        }
    public static void main(String[] args) {
            EventQueue.invokeLater(new Runnable() {
                public void run() {
                    try {
                        Instructions i = new Instructions();
                        i.j.setVisible(true);
                    } catch (Exception e) {
                        e.printStackTrace();
                    }
                }
            });
    }
public void Instructions() {
        j.setVisible(true);
    }
```
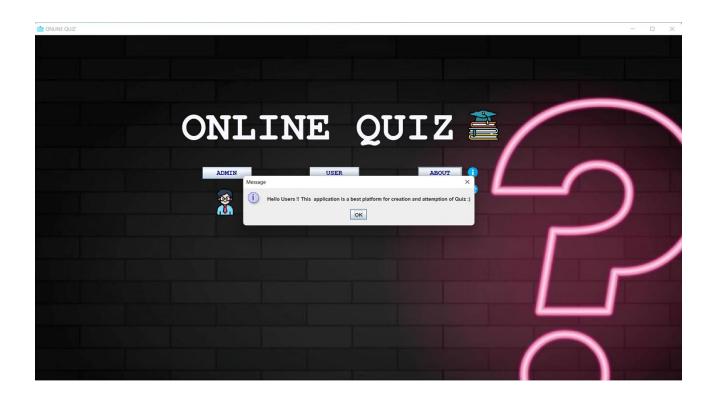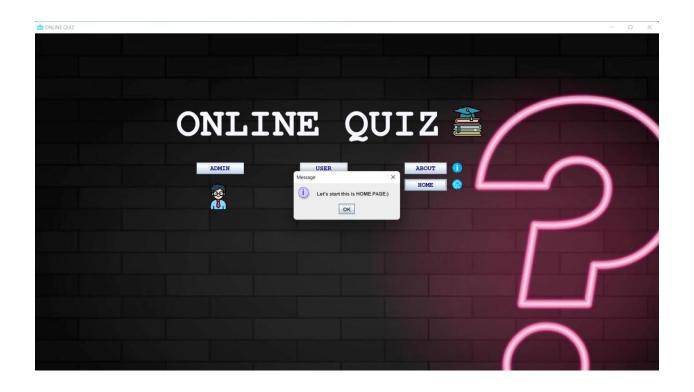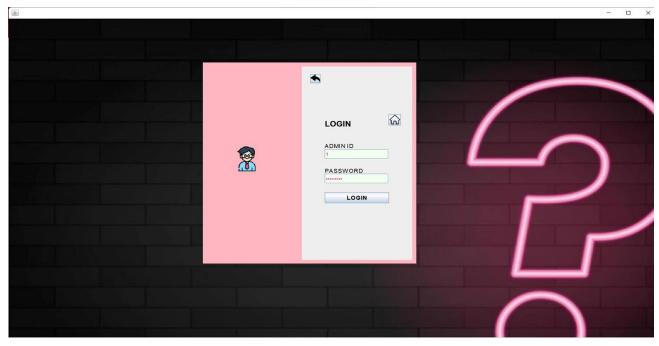
`   # PROJECT SCREENSHOTS:

Home Page

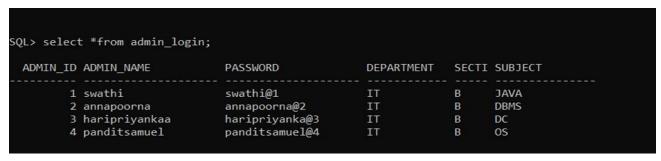Home page contains 4 buttons
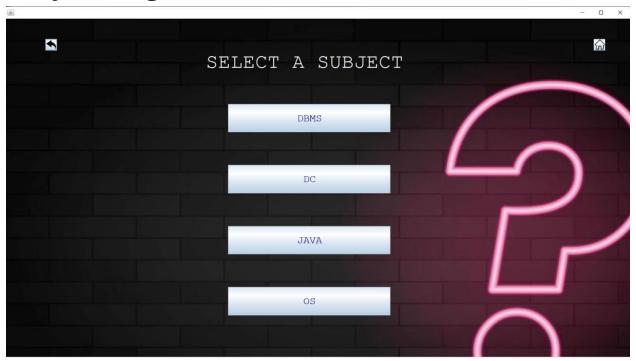-Admin
-User
-About
-Home

Admin Login Page

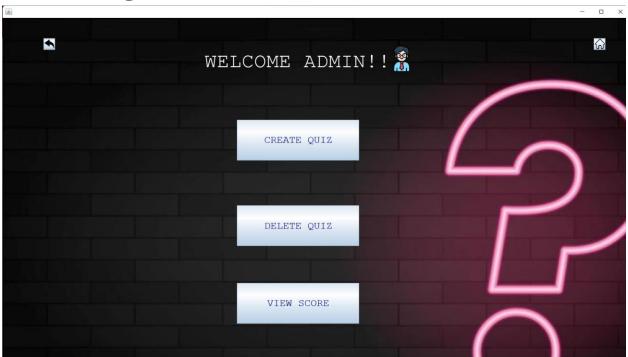Admin button in home page redirecting to Admin page
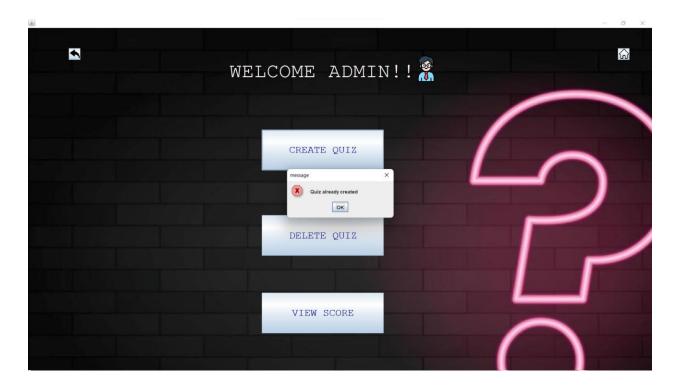

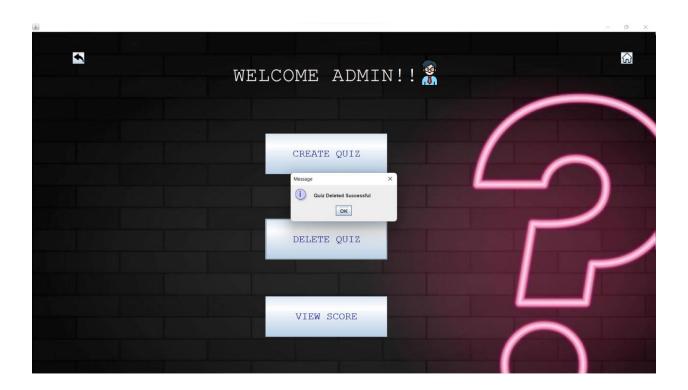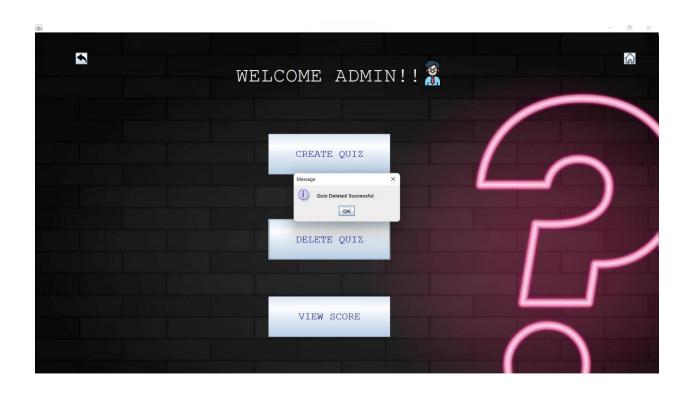Authentication will be done based on the Database Table
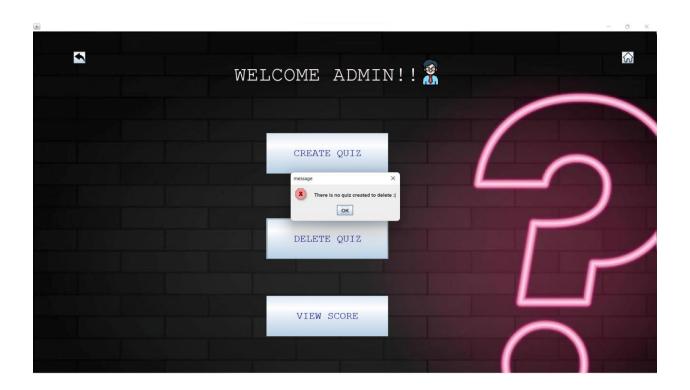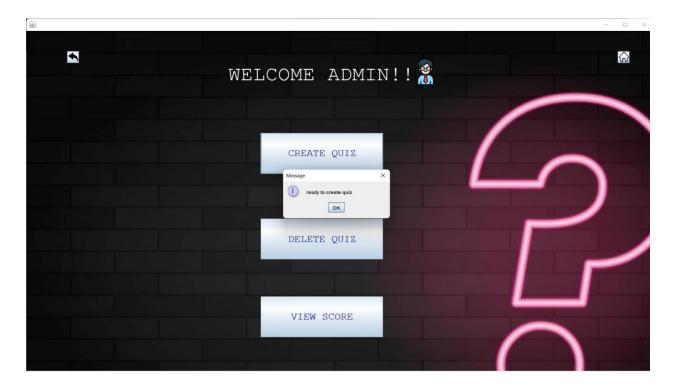
Subjects Page

Admin Page

Creating and Deleting Quiz

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Sample of Creating a Quiz

Submitting questions

Questions stored in Database

Register page

Instructions Page

Answer page

Q1) What is a correct syntax to output "J" in Java?

- print("J");
- echo("J");
- Console.WriteLine("J");
- System.out.println("J");

SUBMIT   NEXT

Q4) MMA ??

- memory management unit
- mega memory unit
- memory mapping unit
- None of the above

message

(i) Submitted successful

OK

SUBMIT   NEXT

Score Page

Students can get their score after submitting the Quiz

Updated marks in Database

```
SQL> select * from register;

USERNAME             USERID              DEPARTMENT          GMAIL                            MARKS
-------------------- ------------------- ------------------- ---------------------------- ----------
sample1              1                   it                  s@1                                   2
sample2              2                   it                  s@2                                   0
sample3              3                   s@3                 it                                    0
sample4              4                   s@4                 it                                    3
sample5              5                   s@5                 cse                                   0
sample6              6                   s@6                 it                                    3
sample7              7                   s@7                 it                                    3
sample8              8                   s@8                 it                                    1
sample9              9                   s@9                 it                                    2
sample10             10                  s@10                cse                                   1

10 rows selected.
```
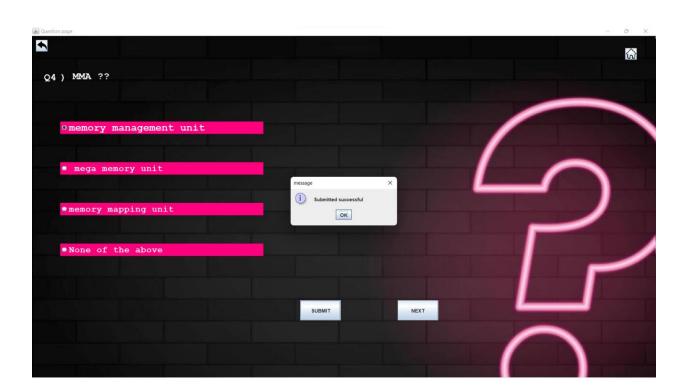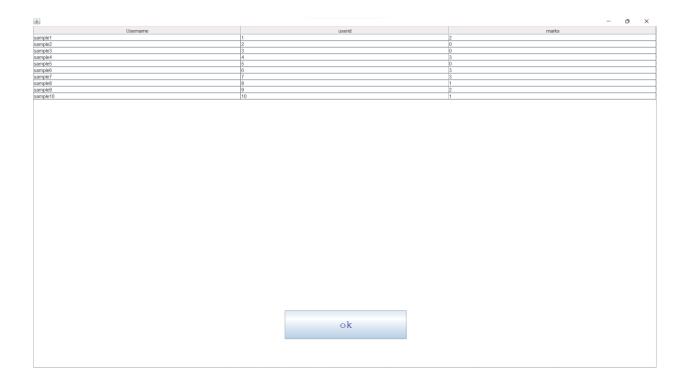
View score Page

Username	userid	marks
sample1	1	2
sample2	2	0
sample3	3	0
sample4	4	3
sample5	5	0
sample6	6	3
sample7	7	3
sample8	8	1
sample9	9	2
sample10	10	1

ok

Admin can view the score of all students who attempted the Quiz by just pressing VIEW SCORE button in Adminpage2

CONCLUSION

Java Swing is a part of Java Foundation Classes (JFC) that is used to create window-based applications it is built on the top of AWT (Abstract Windowing Toolkit) API and entirely written in JAVA.

Java Swing is very easy to use. Being platform-independent and lightweight its applications are significantly faster and reliable..

FUTURE ENHANCEMENT

The online examination system application is vast. It can be used in various sectors, schools, colleges, tuition centers, or individual tutors. Our Project can be further improved and developed to modify this desktop based application to web application .So that it can useful to every one to conduct online quizs and to store the results .

we can also add some advanced futures like timer,compilers,image based MSQ's and etc…

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