

# ***A00P***



**Name** : Muhammad Shahmir Khan

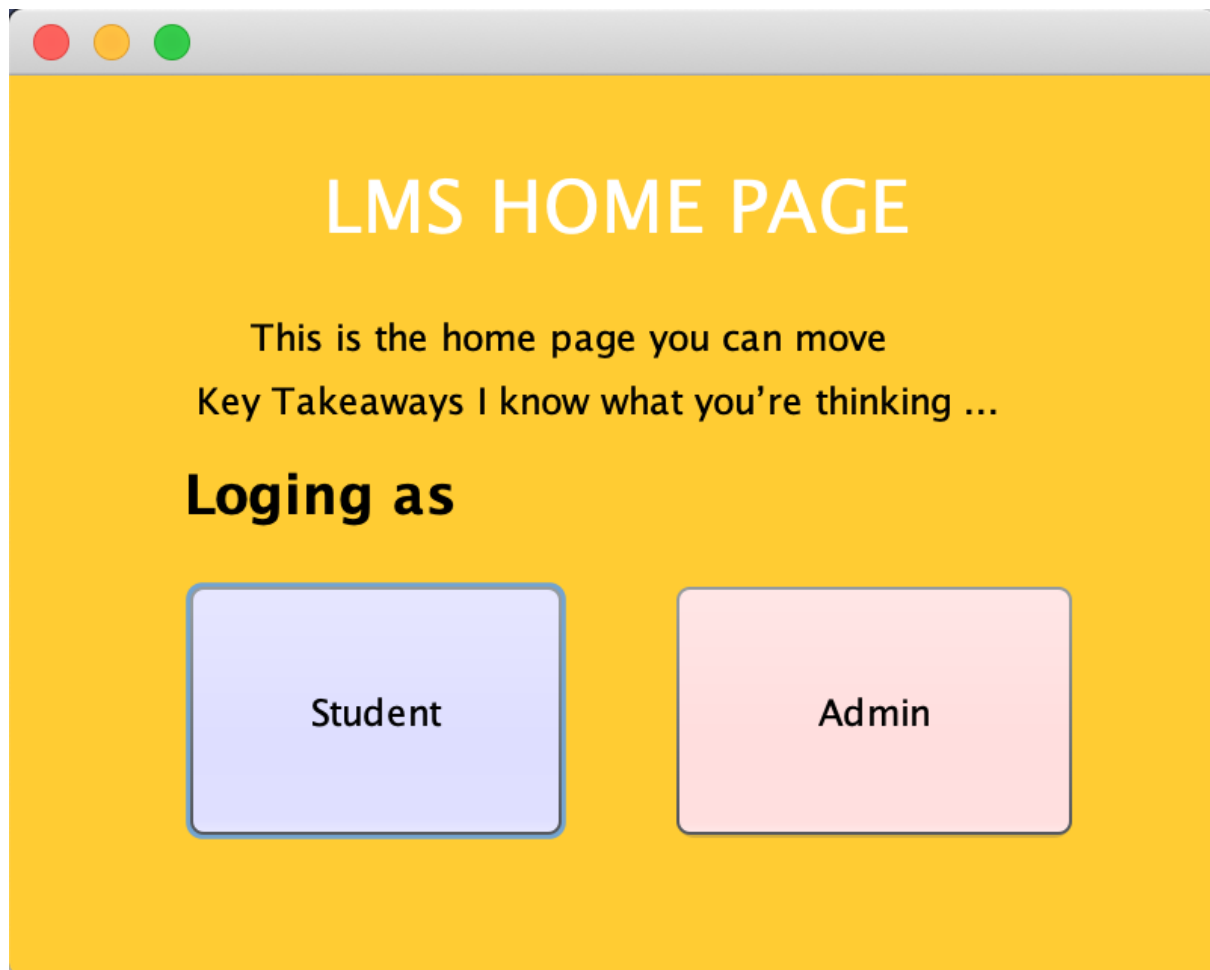
**Roll number** : 2172

**Assignment # 01**

## Question :-

**NOTE :-** In this I will go with the flow first first Admin section then Student section, I will also provide the relevant Screenshot or cod , database and GUI of the program. For further question you may ask in VIVA

## Home section:-



## Code:-

```
/*
 * To change this license header, choose License
 * Headers in Project Properties.
 * To change this template file, choose Tools |
 * Templates
 * and open the template in the editor.
 */
package firsttest;

/**
 *
 * @author shahmirkhan
 */
public class Home extends javax.swing.JFrame {
```

```
/**
 * Creates new form Home
 */
public Home() {
    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() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jButton2 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConsta
nts.EXIT_ON_CLOSE);
```

```

        jPanel1.setBackground(new java.awt.Color(255,
204, 51));
        jPanel1.setForeground(new java.awt.Color(102,
255, 102));

        jLabel1.setFont(new java.awt.Font("Lucida
Grande", 0, 24)); // NOI18N
        jLabel1.setForeground(new java.awt.Color(255,
255, 255));
        jLabel1.setText("LMS HOME PAGE");

        jButton1.setBackground(new java.awt.Color(204,
204, 255));
        jButton1.setText("Student");
        jButton1.addActionListener(new
java.awt.event.ActionListener() {
            public void
actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        jLabel2.setText("This is the home page you can
move");

        jLabel3.setText(" Key Takeaways I know what
you're thinking after");

        jLabel4.setFont(new java.awt.Font("Lucida
Grande", 1, 18)); // NOI18N
        jLabel4.setText("Logging as");

        jButton2.setBackground(new java.awt.Color(255,
204, 204));
        jButton2.setText("Admin");
        jButton2.addActionListener(new
java.awt.event.ActionListener() {
            public void
actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(58, 58, 58)

.addGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 127,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 274,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel4))
.addContainerGap(68, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT_
T_SIZE, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)

```

```

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addComponent(jLabel1)
.addGap(102, 102, 102))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.TRAILING)
.addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 274,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 135,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(46, 46, 46)))
);
jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.Group
Layout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(28, 28, 28)
.addComponent(jLabel1)
.addGap(21, 21, 21)
.addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.Compone
ntPlacement.RELATED)
.addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.Compone
ntPlacement.UNRELATED)
.addComponent(jButton2)
.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.s
wing.GroupLayout.Alignment.LEADING)
.addComponent(jButton1,
javax.swing.GroupLayout.DEFAULT_SIZE, 86,
Short.MAX_VALUE)
.addComponent(jButton2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
.addGap(45, 45, 45))
);

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

layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
.addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
);
layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
.addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
);

pack();
}
// </editor-fold>

```

```

private void
jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {
    dispose();
    StudentLogin obj= new StudentLogin();
    obj.setVisible(true);
    // Home homeObj =new Home();
    // homeObj.setVisible(false);
}

private void
jButton2ActionPerformed(java.awt.event.ActionEvent
evt) {
    // TODO add your handling code here:

    // Admin button

    dispose();
    AdminHome obj= new AdminHome();
    obj.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/l
ookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo
info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClass
Name());
                break;
            }
        } catch (ClassNotFoundException ex) {
            java.util.logging.Logger.getLogger(Home.class.getNa
me()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(Home.class.getNa
me()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(Home.class.getNa
me()).log(java.util.logging.Level.SEVERE, null, ex);
        }
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(Home.class.getNa
me()).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 Home().setVisible(true);
    }
});
}

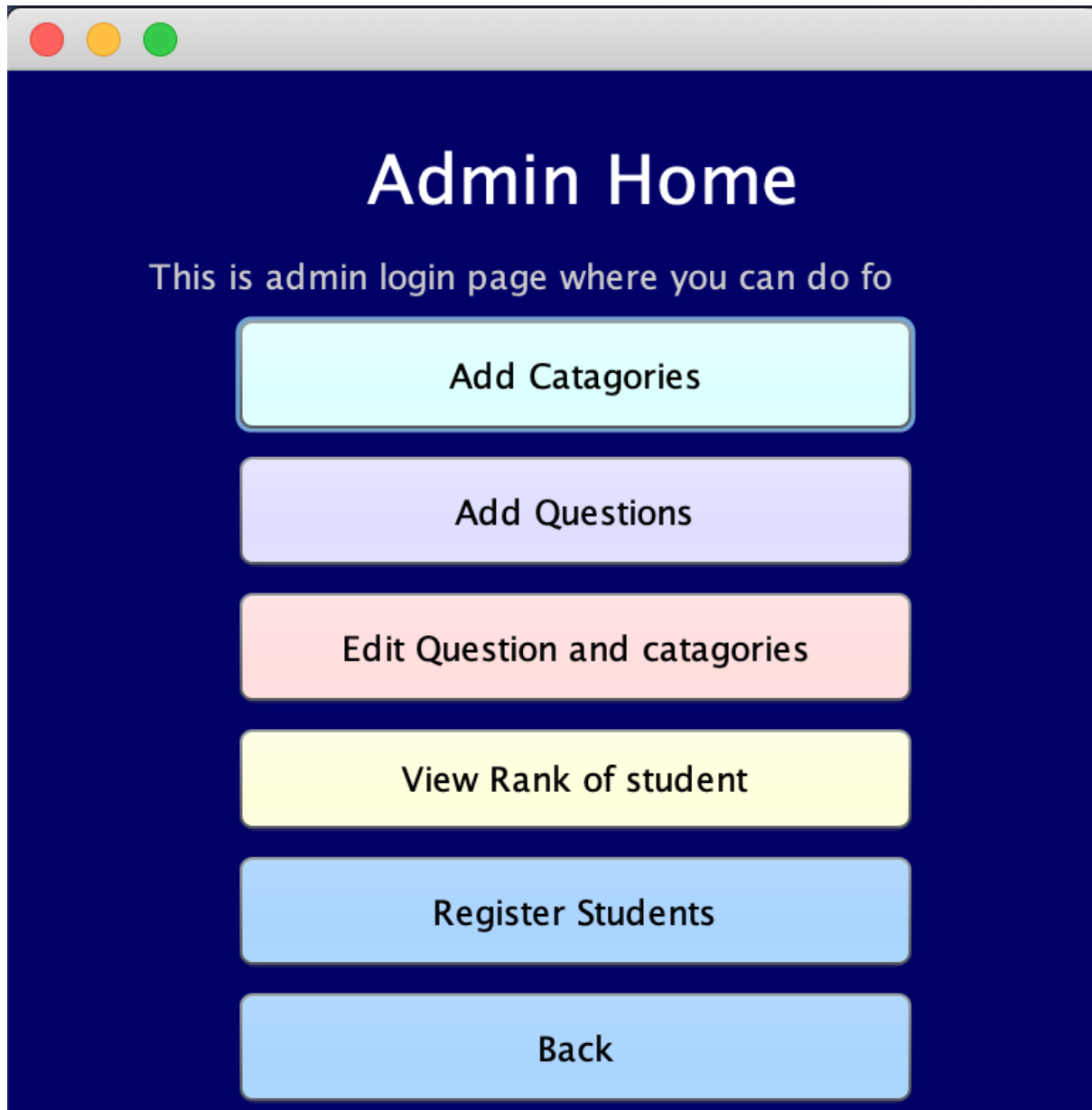
// Variables declaration - do not modify

```

```
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.JLabel jLabel4;
private javax.swing.JPanel jPanel1;
// End of variables declaration
}
```

## Home Admin:-



## Code:-

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package firsttest;

/**
 *
 * @author shahmirkhan
 */
public class AdminHome extends javax.swing.JFrame {
```

```
/**
 * Creates new form AdminHome
 */
public AdminHome() {
    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() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
```

```

jButton5 = new javax.swing.JButton();
jButton6 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel.setBackground(new java.awt.Color(0, 0, 10));

jLabel.setFont(new java.awt.Font("Lucida Grande", 0, 24)); // NOI8N
jLabel.setForeground(new java.awt.Color(255, 255, 255));
jLabel.setText("Admin Home");

jLabel2.setForeground(new java.awt.Color(204, 204, 204));
jLabel2.setText("This is admin login page where you can do it");

jButton1.setBackground(new java.awt.Color(204, 255, 255));
jButton1.setText("Add Categories");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setBackground(new java.awt.Color(204, 204, 255));
jButton2.setText("Add Questions");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setBackground(new java.awt.Color(255, 204, 204));
jButton3.setText("Edit Question and categories");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jButton4.setBackground(new java.awt.Color(255, 255, 204));
jButton4.setText("View Rank of student");
jButton4.addActionListener(new java.awt.event.ActionEvent evt) {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jButton5.setBackground(new java.awt.Color(153, 204, 255));
jButton5.setText("Register Students");
jButton5.setCursor(new java.awt.Cursor(java.awt.Cursor.MOVE_CURSOR));
jButton5.addActionListener(new java.awt.event.ActionEvent evt) {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

jButton6.setBackground(new java.awt.Color(153, 204, 255));
jButton6.setText("Back");
jButton6.setCursor(new java.awt.Cursor(java.awt.Cursor.MOVE_CURSOR));
jButton6.addActionListener(new java.awt.event.ActionEvent evt) {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanelLayout = new
javax.swing.GroupLayout(jPanel);
jPanel.setLayout(jPanelLayout);
jPanelLayout.setHorizontalGroup(

jPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanelLayout.createSequentialGroup()
        .addGap(17, 17, 17)
        .addComponent(jButton1)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jButton2)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jButton3)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jButton4)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jButton5)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jButton6)
        .addContainerGap(19, Short.MAX_VALUE))
    .addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanelLayout.createSequentialGroup()
        .addGap(17, 17, 17)
        .addComponent(jLabel)
        .addContainerGap(19, Short.MAX_VALUE))
    .addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanelLayout.createSequentialGroup()
        .addGap(17, 17, 17)
        .addComponent(jLabel2)
        .addContainerGap(19, Short.MAX_VALUE))
);
jPanelLayout.setVerticalGroup(

jPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanelLayout.createSequentialGroup()
        .addGap(17, 17, 17)
        .addComponent(jLabel)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jLabel2)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton1)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton2)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton3)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton4)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton5)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton6)
        .addContainerGap(19, Short.MAX_VALUE))
);

// Add preferred gap at the bottom
jPanelLayout.addPreferredGap(
    javax.swing.LayoutStyle.ComponentPlacement.PREFERRED_GAP,
    javax.swing.LayoutStyle.ComponentPlacement.PREFERRED_GAP
);

```

```

.addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE,
39, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE,
42, javax.swing.GroupLayout.PREFERRED_SIZE)
.addContainerGap(7, Short.MAX_VALUE))
);

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

    pack();
} // <editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //add categories

    dispose();
    AddCategorie obj= new AddCategorie();
    obj.setVisible(true);
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //rank of student button

    dispose();
    ViewRank obj= new ViewRank();
    obj.setVisible(true);
}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //Student register button

    dispose();
    RegisterStudent obj= new RegisterStudent();
    obj.setVisible(true);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //ADD Question

    dispose();
    AddQuestions obj= new AddQuestions();
    obj.setVisible(true);
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

```

```

        dispose();
    }
    EditQuestionCategories obj = new EditQuestionCategories();
    obj.setVisible(true);
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //back button

    dispose();
    Home obj = new Home();
    obj.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/6/tutorial/uiskwing/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(AdminHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(AdminHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(AdminHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(AdminHome.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 AdminHome().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JPanel jPanel1;
// End of variables declaration
}

```

# Add Catagories:-

**Add Catagories**

Enter the detail of the catagories you want to enter

If you are unable to login please contact Admin

Name

**Add Catagories** **Home**

## Code:-

```
/**
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package firsttest;

/**
 *
 * @author shahmirkhan
 */
public class AddCatagorie extends javax.swing.JFrame {

    /**
     * Creates new form AddCatagorie
     */
    public AddCatagorie() {
        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() {

        jPanel1 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        CField = new javax.swing.JTextField();
        jLabel3 = new javax.swing.JLabel();
        jButton2 = new javax.swing.JButton();
        jButton1 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();

        jPanel1.setBackground(new java.awt.Color(157, 182, 242));
        jLabel1.setFont(new java.awt.Font("Lucida Grande", 0, 24)); // NOI18N
        jLabel1.setForeground(new java.awt.Color(255, 255, 255));
        jLabel1.setText("Add Catagories");
        jLabel2.setText("Enter the detail of the catagories you want to enter ");
        jLabel6.setForeground(new java.awt.Color(53, 153, 153));
        jLabel6.setText("If you are unable to login please contact Admin");
        CField.setBorder(javax.swing.BorderFactory.createLineBorder(new
        java.awt.Color(0, 0, 0)));
        CField.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                CFieldActionPerformed(evt);
            }
        });
        jLabel3.setForeground(new java.awt.Color(102, 102, 102));
        jButton2.setBackground(new java.awt.Color(255, 255, 204));
        jButton2.setText("Home");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton2ActionPerformed(evt);
            }
        });
        jButton1.setBackground(new java.awt.Color(204, 255, 204));
        jButton1.setText("Add Catagories");
        jButton1.setCursor(new java.awt.Cursor(java.awt.Cursor.MOVE_CURSOR));
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });
        jButton4.setFont(new java.awt.Font("Lucida Grande", 0, 14)); // NOI18N
        jButton4.setText("Name");
        javax.swing.GroupLayout jPanel1Layout = new
        javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(138, 138, 138)
                    .addComponent(jLabel3)
                    .addGap(23, 23, 23)
                    .addComponent(jButton2,
                        javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE)
                    .addGap(26, 26, 26)
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                        jPanel1Layout.createSequentialGroup()
                            .addComponent(jButton1)
                            .addComponent(jButton4))
                    .addContainerGap(127, Short.MAX_VALUE))
        );
    }
}
```

```

        .addGap(49, 49, 49)
        .addComponent(CField, javax.swing.GroupLayout.PREFERRED_SIZE,
175, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(65, 65, 65))
        .addGroup(jPanel1.layout.createSequentialGroup())

    .addGroup(jPanel1.layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1.layout.createSequentialGroup())
            .addGap(37, 37, 37)
            .addComponent(jLabel2))
        .addGroup(jPanel1.layout.createSequentialGroup())
            .addGap(47, 47, 47)
            .addComponent(jLabel6))
        .addGroup(jPanel1.layout.createSequentialGroup())
            .addGap(108, 108, 108)
            .addComponent(jLabel1))
        .addContainerGap(40, Short.MAX_VALUE))
    );
    jPanel1.layout.setVerticalGroup(

jPanel1.layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1.layout.createSequentialGroup())
        .addGap(20, 20, 20)
        .addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(jLabel6)
    .addGap(18, 18, 18)
    .addComponent(jLabel3)
    .addGap(26, 26, 26)

.addGroup(jPanel1.layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(CField, javax.swing.GroupLayout.PREFERRED_SIZE,
34, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel4))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 48, Short.MAX_VALUE)

.addGroup(jPanel1.layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(15, 15, 15))
);

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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
    layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);

    pack();
}

//<editor-fold>

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //home button

    dispose();
    AdminHome obj = new AdminHome();
    obj.setVisible(true);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //Add catogaries button

    String CatogorieName = CField.getText();

    DAO DAOObj = new DAO();
    DAOObj.CreateTable(CatogorieName);

}

private void CFieldActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */

```

```

//<editor-fold defaultstate="collapsed" desc="" Look and feel setting code
(optional) ">
/* If Nimbus (introduced in Java SE 6) is not available, stay with the default
look and feel.
* For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
*/
try {
    for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
            javax.swing.UIManager.setLookAndFeel(info.getClassName());
            break;
        }
    }
} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(AddCatogorie.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(AddCatogorie.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(AddCatogorie.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(AddCatogorie.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 AddCatogorie().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JTextField CField;
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.JLabel jLabel4;
private javax.swing.JLabel jLabel6;
private javax.swing.JPanel jPanel1;
// End of variables declaration
}

```

## ADD Question:-

**Add Questions**

Following you can enter question deatail for students  
Question, Option, answers, Ranks

Q\_No

Question

A

B

C

D

Answer

Ranks ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Catagorie

**Save and Next** **Home**

## Code:-

```
/**
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package firsttest;

import static java.lang.Integer.parseInt;

/**
 *
 */
public class AddQuestions extends javax.swing.JFrame {

    /**
     * Creates new form AddQuestions
     */
    public AddQuestions() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        buttonGroup1 = new javax.swing.ButtonGroup();
        buttonGroup2 = new javax.swing.ButtonGroup();
    }
}
```



[illegible][illegible]

```
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JRadioButton jRadioButton2;  
private javax.swing.JRadioButton jRadioButton3;  
private javax.swing.JRadioButton jRadioButton4;  
private javax.swing.JRadioButton jRadioButton5;  
private javax.swing.JRadioButton jRadioButton6;  
private javax.swing.JRadioButton jRadioButton7;  
// End of variables declaration  
}
```

```

@Button(1, setLookAndFeel(new javax.swing.Color(255, 255, 255));

@Button(2, setLabelText("Question"));

@Button(3, addActionListener(new javax.swing.event.ActionListener() {
    public void actionPerformed(javax.swing.event.ActionEvent evt) {
        // ...
    }
}));

@Button(4, setLookAndFeel(new javax.swing.Color(255, 255, 255));

@Button(5, setLabelText("Home"));

@Button(6, addActionListener(new javax.swing.event.ActionListener() {
    public void actionPerformed(javax.swing.event.ActionEvent evt) {
        // ...
    }
}));

@Button(7, addActionPerformed(evt));

}

}

javax.swing.GroupLayout.PanelLayout - new javax.swing.GroupLayout(Panel);
Panel.setLayout(PanelLayout);
Panel.setLayoutHorizontalGroup
PanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
addGroup(javax.swing.GroupLayout.Alignment.TRAILING, PanelLayout.createSequentialGroup());
addGroups(0, Short.MAX_VALUE);
addComponent(Button4, javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE);
addGroup(2, 12, 20);
addGroup(PanelLayout.createSequentialGroup());
addGroup(PanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
addGroup(PanelLayout.createSequentialGroup());
addGroup(5, 78, 78);
addGroup(PanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

```

```

        .addComponent(Button1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(Button2, javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(Pane1Layout.createParallelGroup(Group)
        .addGroup(Cap1(av, av, av)
        .addComponent(JLabel1))
        .addGroup(Pane1Layout.createParallelGroup(Group)
        .addGroup(Cap2o, 70, 70)
        .addComponent(JLabel2))
        .addComponent(Cap3, Short.MAX_VALUE))
        );
Pane1Layout.setVerticalGroup(
Pane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(Pane1Layout.createParallelGroup(Group)
        .addGroup(Cap1, 15, 15)
        .addComponent(JLabel1)
        .addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED))
        .addComponent(JLabel2)
        .addGroup(Cap2o, 70, 70)
        .addComponent(Button1, javax.swing.GroupLayout.PREFERRED_SIZE, 54,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED))
        .addComponent(Button2, javax.swing.GroupLayout.PREFERRED_SIZE, 5,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroup(Cap3, 8, 8)
        .addComponent(Button4, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(Cap4, Short.MAX_VALUE))
        );

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(Pane1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(Pane1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );

pack();
} // <editor-fold>

private void Button1ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:

//edit categories button

dispose();
EditCategories obj= new EditCategories();
obj.setVisible(true);
}

private void Button2ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:

```

```

//edit Question

dispose();
EditQuestions obj= new EditQuestions();
obj.setVisible(true);

}

private void Button3ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:

//home button
// System.out.println(rank);

dispose();
AdminHome obj= new AdminHome();
obj.setVisible(true);

}

private void Button4ActionPerformed(java.awt.event.ActionEvent evt) {
// TODO add your handling code here:

// home button
// System.out.println(rank);

//
dispose();
// AdminHome obj= new AdminHome();
// obj.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(EditQuestionCategories.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(EditQuestionCategories.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(EditQuestionCategories.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

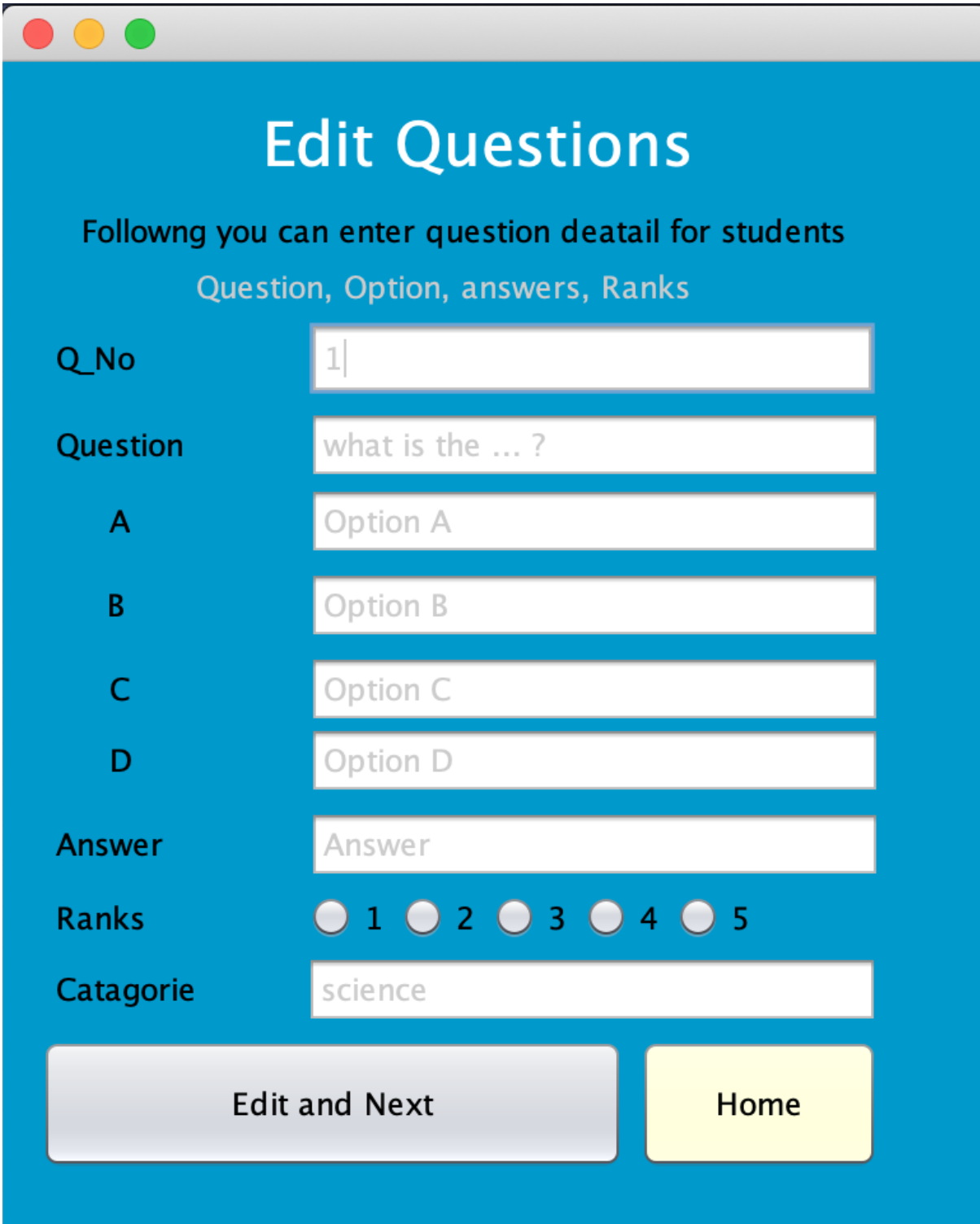
//<editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new EditQuestionCategories().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton Button1;
private javax.swing.JButton Button2;
private javax.swing.JButton Button3;
private javax.swing.JButton Button4;
private javax.swing.JLabel JLabel1;
private javax.swing.JLabel JLabel2;
private javax.swing.JLabel JLabel3;
private javax.swing.JPanel Pane1;
private javax.swing.JScrollBar JScrollBar;
// End of variables declaration
}

```

## EDIT Question :-



**Edit Questions**

Following you can enter question deatail for students

Question, Option, answers, Ranks

Q\_No

Question

A

B

C

D

Answer

Ranks ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Catagorie

**Edit and Next** **Home**

## Code:-

```
/**
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package firsttest;
```

```
import static java.lang.Integer.parseInt;

/**
 *
 * @author shahmirkhan
 */
public class EditQuestions extends javax.swing.JFrame {
```

```
/**
 * Creates new form AddQuestions
 */
public EditQuestions() {
    initComponents();
}
```

```

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```

```
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.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JButton jButton7;
// End of variables declaration
```

```
iJLabel.setText(TextDetail the detail of the categories you want ");

iJLabel.setForeground(new java.awt.Color(0, 193, 255));

iJLabel.setText("If you are unable to login please contact Admin");

CField.setBorder(javax.swing.BorderFactory.createEmptyBorder( new java.awt.Color(0, 0, 0)));
CField.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        CFieldActionPerformed(evt);
    }
});


jB;

jLabel6.setFont(new java.awt.Font("Liberia Grande", 0, 14)); // NOI18N
jLabel6.setText("Edit Category");

jButton1.setBackground(new java.awt.Color(255, 255, 255));
jButton1.setText("Edit Categories");
jButton1.setCursor(new java.awt.Cursor(java.awt.Cursor.MOVE_CURSOR));
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
```



## View Rank :-



**Your Rank**

You should be proud of your excellent performance  
Correct answer is written in front of it

Rank	name	marks
1	Shahmir	34
2	ALI	27
3	Usman	19
4	Ahmad	18
5	Aon	18
6	asjid	18
7	Danish	14
8	Waleed	12
9	Muneeb	10
10	Rohail	10
11	Rehan	8
12	Rashid	0

[HOME](#)

## Code:-

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

\*/  
\* To change this template file, choose Tools | Templates  
\* and open the template in the editor.

\*/  
package firsttest;





# Register Students :-

## Code:-

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package firsttest;

/**
 *
 * @author shalimirkhan
 */
public class RegisterStudent extends javax.swing.JFrame {

    /**
     * Creates new form RegisterStudent
     */
    public RegisterStudent() {
        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() {

        JCheckBoxMenuItem1 = new javax.swing.JCheckBoxMenuItem();
        JCheckBoxMenuItem2 = new javax.swing.JCheckBoxMenuItem();
        Panel1 = new javax.swing.JPanel();
        JLabel1 = new javax.swing.JLabel();
        JLabel2 = new javax.swing.JLabel();
        JLabel3 = new javax.swing.JLabel();

        NameField = new javax.swing.JTextField();
        JLabel4 = new javax.swing.JLabel();
        JLabel5 = new javax.swing.JLabel();
        JButton1 = new javax.swing.JButton();
        JButton2 = new javax.swing.JButton();
        passwordField = new javax.swing.JPasswordField();

        JCheckBoxMenuItem1.setSelected(true);
        JCheckBoxMenuItem2.setSelected(true);
        JCheckBoxMenuItem2.setSelected(true);
        JCheckBoxMenuItem2.setSelected(true);

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        Panel1.setBackground(new java.awt.Color(0, 204, 153));

        JLabel1.setFont(new java.awt.Font("Lucida Grande", 0, 24)); // NOI18N
        JLabel1.setForeground(new java.awt.Color(255, 255, 255));
        JLabel1.setText("Student Register");

        JLabel2.setText("From here you can allow which student can attempt");
        JLabel3.setText("quiz. you just have to enter username and password");

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

        JLabel4.setText("User name");

        JLabel5.setText("Password");

        JButton1.setBackground(new java.awt.Color(65, 135, 255));
        JButton1.setText("Home");
        JButton1.addActionListener(new java.awt.event.ActionListener() {

            public void actionPerformed(java.awt.event.ActionEvent evt) {
                JButton1ActionPerformed(evt);
            }
        });

        JButton2.setBackground(new java.awt.Color(51, 204, 255));
        JButton2.setText("Registrern them");
        JButton2.setCursor(new java.awt.Cursor(java.awt.Cursor.MOVE_CURSOR));
        JButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                JButton2ActionPerformed(evt);
            }
        });

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

        javax.swing.GroupLayout Panel1Layout = new javax.swing.GroupLayout(Panel1);
        Panel1.setLayout(Panel1Layout);
        Panel1Layout.setHorizontalGroup(
            Panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(Panel1Layout.createSequentialGroup()
                    .add(JLabel1, 0, 0)
                    .add(JLabel2, 0, 0)
                    .add(JLabel3, 0, 0)
                    .add(JLabel4, 0, 0)
                    .add(JLabel5, 0, 0)
                    .add(NameField, 0, 0)
                    .add(passwordField, 0, 0)
                    .add(JButton1, 0, 0)
                    .add(JButton2, 0, 0)
                )
        );
    }
}
```

```

// For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
try {
    for (java.awt.UIManager.LookAndFeelInfo info :
        java.awt.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getClassName())) {
            break;
        }
    }
} catch (ClassNotFoundException ex) {}

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

} catch (InstantiationException ex) {}

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

} catch (IllegalAccessException ex) {}

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

} catch (java.util.logging.UnsupportedLookAndFeelException ex) {}

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

}

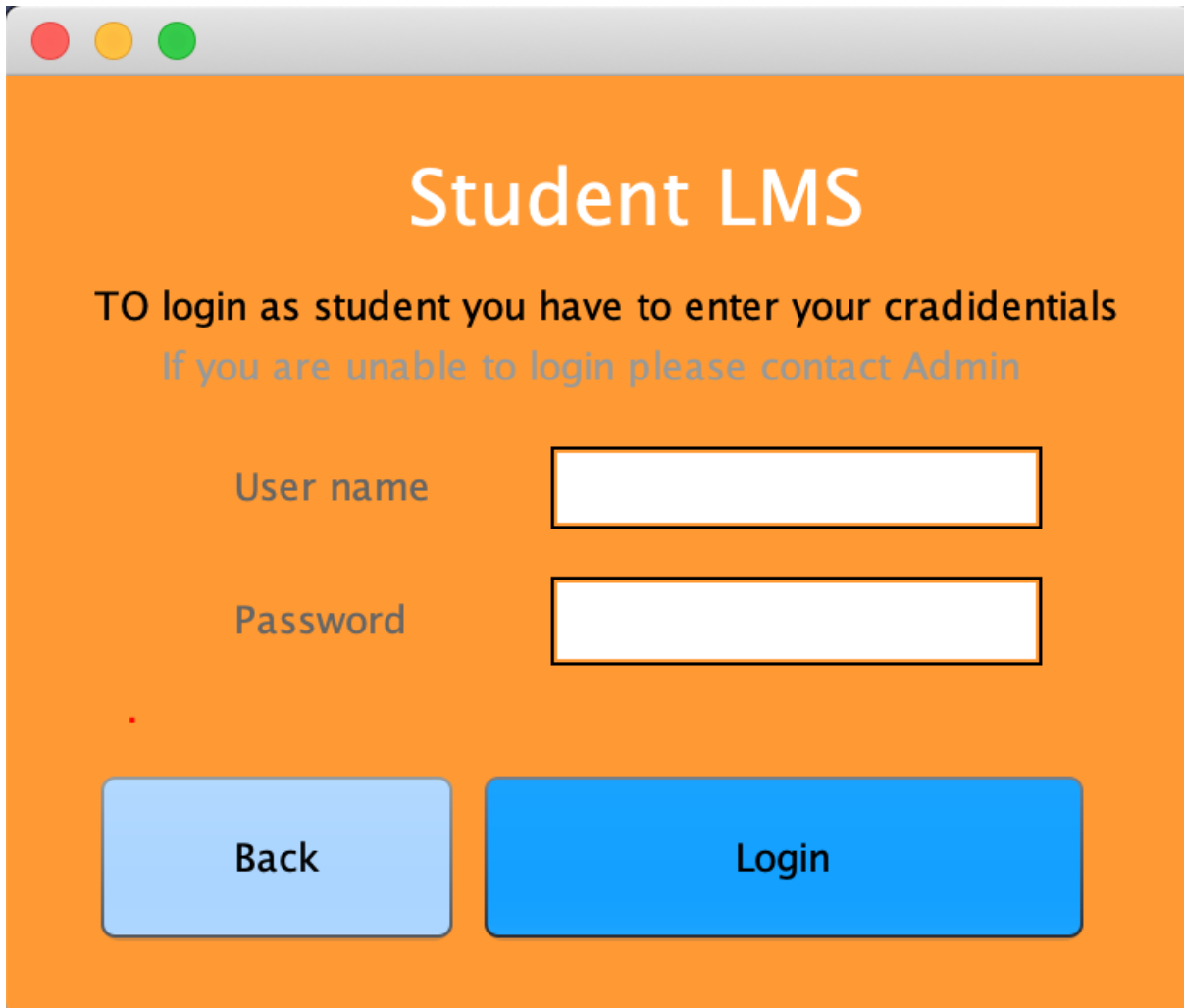
// <editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new RegisterStudent().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JTextField NameField;
private javax.swing.JButton Button1;
private javax.swing.JButton Button2;
private javax.swing.JCheckBoxMenuItem JCheckBoxMenuItem1;
private javax.swing.JCheckBoxMenuItem JCheckBoxMenuItem2;
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.JPanel1;
private javax.swing.PasswordField passwordField;

// End of variables declaration
}

```



## Code:-

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package firsttest;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;

public class StudentLogin extends javax.swing.JFrame {

    /**
     * Creates new form StudentLogin
     */
    public StudentLogin() {
        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() {

        jPanel1 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        Namefield = new javax.swing.JTextField();
        jLabel5 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        passwordField = new javax.swing.PasswordField();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        jPanel1.setBackground(new java.awt.Color(255, 153, 51));
        jLabel1.setFont(new java.awt.Font("Lucida Grande", 0, 24); // NOI18N
        jLabel1.setText("Student LMS");
        jLabel2.setText("TO login as student you have to enter your cradidentials");
        jLabel3.setForeground(new java.awt.Color(102, 102, 102));
        jLabel3.setText("User name");
        jLabel4.setForeground(new java.awt.Color(102, 102, 102));
        jLabel4.setText("Password");
        Namefield.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
        jButton1.setText("Back");
        jButton2.setText("Login");
        passwordField.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));
        passwordField.setEchoChar('*');

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(150, 150, 150)
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)
                        .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE, 300, Short.MAX_VALUE)
                        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE, 150, Short.MAX_VALUE)
                        .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE, 150, Short.MAX_VALUE)
                        .addComponent(Namefield, javax.swing.GroupLayout.DEFAULT_SIZE, 150, Short.MAX_VALUE)
                        .addComponent(passwordField, javax.swing.GroupLayout.DEFAULT_SIZE, 150, Short.MAX_VALUE)
                    )
                    .addContainerGap(150, 150, 150))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(150, 150, 150)
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE, 100, Short.MAX_VALUE)
                        .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE, 100, Short.MAX_VALUE)
                    )
                    .addContainerGap(150, 150, 150))
        );
    }
}
```

```

        .addComponent(jLabel2)
        .addCap(4, 4)
        .addComponent(jLabel0)
        .addCap(8, 8, 18)
        .addGroup(PanelsLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addCap(15, 15, 15)
        .addGroup(PanelsLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel4)
            .addComponent(passwordField, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel5)
        .addPreferredCap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(PanelsLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(Button1, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(Button1, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerCap(15, Short.MAX_VALUE)
    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(Panels, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(Panels, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

    pack();
} // <editor-fold>

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

    //sign up button
    dispose();
    Home obj= new Home();
    obj.setVisible(true);
}

```

```

    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        String c1="Math";
        String c2="OOP";
        String c3="Science";
        String c4="Programming";
        String c5="General Knowledge";

        //Login button

        String name = NameField.getText();
        String password = passwordField.getText();

        DAO DAOObj=new DAO();
        DAOObj.selectAll(name, password);

        DAOObj.giveCategories();

        dispose();
        // Categories obj= new Categories(c1,c2,c3,c4,c5);
        // obj.setVisible(true);

    }

    private void passwordFieldActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {

```

```

                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            } catch (ClassNotFoundException ex) {
                java.util.logging.Logger.getLogger(StudentLogin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
            } catch (InstantiationException ex) {
                java.util.logging.Logger.getLogger(StudentLogin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
            } catch (IllegalAccessException ex) {
                java.util.logging.Logger.getLogger(StudentLogin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
            } catch (UnsupportedLookAndFeelException ex) {
                java.util.logging.Logger.getLogger(StudentLogin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
            }
        } //<editor-fold>

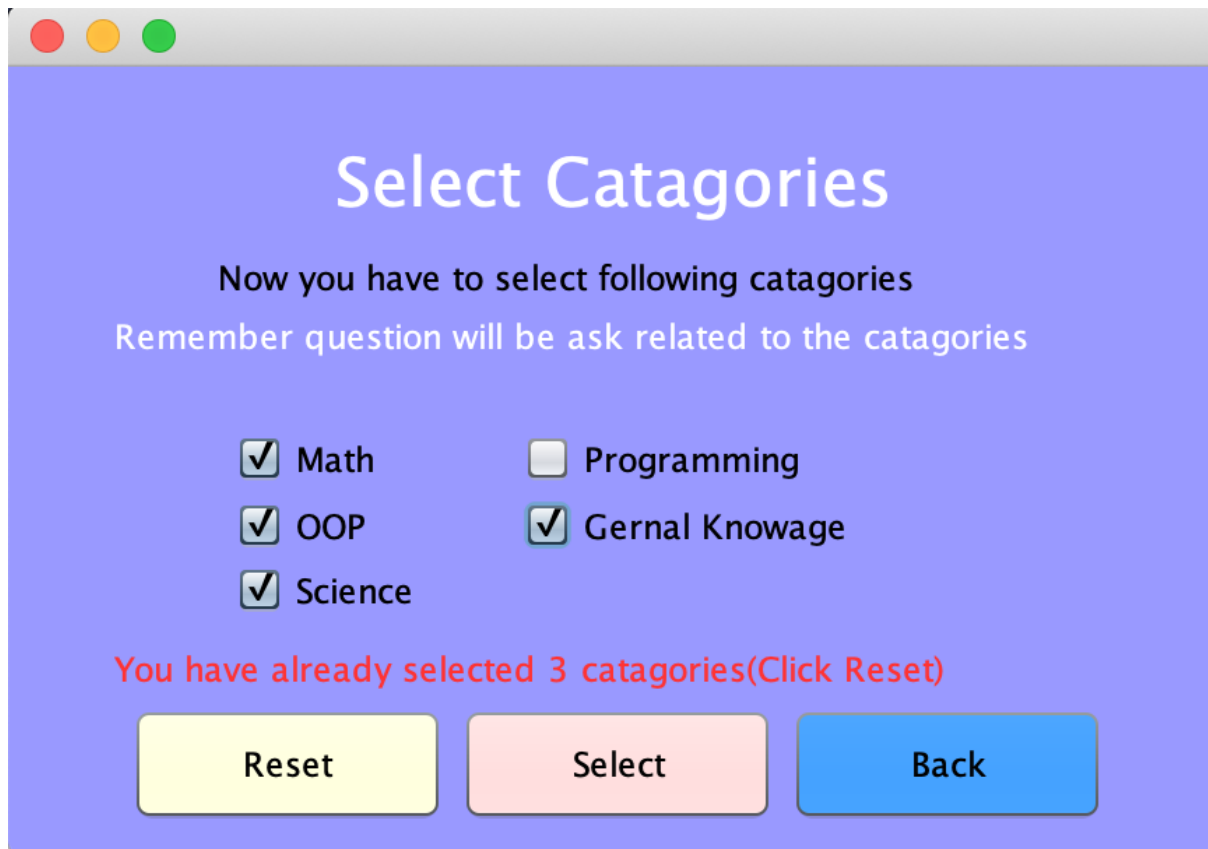
        /* Create and display the form */
        // java.awt.EventQueue.invokeLater(new Runnable() {
        //     public void run() {
        //         new StudentLogin().setVisible(true);
        //     }
        // });

        // StudentLogin obj= new StudentLogin();
        // obj.setVisible(true);
    }

    // Variables declaration - do not modify
    private javax.swing.JTextField NameField;
    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.JLabel jLabel4;
    private javax.swing.JLabel jLabel5;
    private javax.swing.JLabel jLabel6;
    private javax.swing.JLabel jLabel7;
    private javax.swing.JPanel jPanel1;
    private javax.swing.JPasswordField passwordField;
    // End of variables declaration
}

```

# Select Categories :-



### Code:-

[illegible]

```

pack0;
} // </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent e0) {
    String c1="Math";
    String c2="OOP";
    String c3="Science";
    String c4="Programming";
    String c5="Gernal Knowledge";

    // Resets button

    dispose();
    Categories obj= new Categories(c1,c2,c3,c4,c5);
    obj.setVisible(true);

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent e0) {
    // TODO add your handling code here:

    //back button

    dispose();
    StudentLogin obj= new StudentLogin();
    obj.setVisible(true);

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent e0) {
    try {
        // TODO add your handling code here:

        //Select button

        dispose();
        AskQuestions obj= new AskQuestions(categoriesArray);
        obj.setVisible(true);
    } catch (InterruptedException ex) {
        Logger.getLogger(Categories.class.getName()).log(Level.SEVERE, null, ex);
    }

}

}

```

```

int i=0;
public String[] categoriesArray =new String[];

private void C1(ActionEventPerformed)java.awt.event.ActionEvent e0 {
    // TODO add your handling code here:
    //1
    if(i<=2){
        categoriesArray[i]="Math";
    } else{
        WarningLabel.setText("You have already selected 3 categories(Click Reset)");
    }
    i++;
}

private void C2(ActionEventPerformed)java.awt.event.ActionEvent e0 {
    // TODO add your handling code here:
    //2
    if(i<=2){
        categoriesArray[i]="Gernal Knowledge";
    } else{
        WarningLabel.setText("You have already selected 3 categories(Click Reset)");
    }
    i++;
}

private void C3(ActionEventPerformed)java.awt.event.ActionEvent e0 {
    // TODO add your handling code here:
    //3
    if(i<=2){
        categoriesArray[i]="Programming";
    } else{
        WarningLabel.setText("You have already selected 3 categories(Click Reset)");
    }
    i++;
}

private void C4(ActionEventPerformed)java.awt.event.ActionEvent e0 {
    // TODO add your handling code here:
    //4
    if(i<=2){
        categoriesArray[i]="Programming";
    } else{
        WarningLabel.setText("You have already selected 3 categories(Click Reset)");
    }
    i++;
}

private void C5(ActionEventPerformed)java.awt.event.ActionEvent e0 {
    // TODO add your handling code here:
    //5
    if(i<=2){
        categoriesArray[i]="Science";
    }
}

```

```

} else{
    WarningLabel.setText("You have already selected 3 categories(Click Reset)");
}
i++;
}

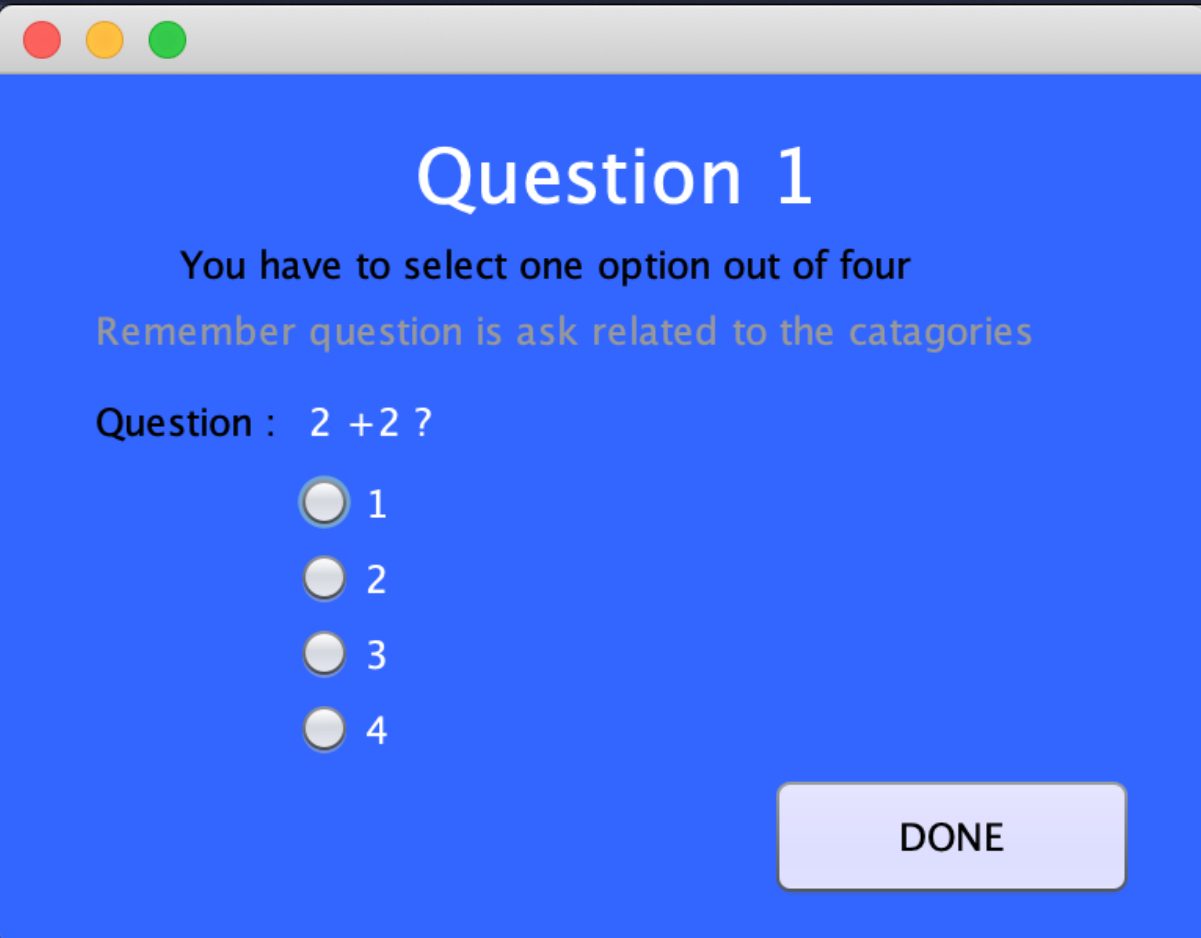
/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    // Set the Nimbus look and feel *)
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    // If Nimbus (introduced in Java SE 6) is not available, stay with the default 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(Categories.class.getName()).log(java.util.logging.Level.SEVERE,
            null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(Categories.class.getName()).log(java.util.logging.Level.SEVERE,
            null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(Categories.class.getName()).log(java.util.logging.Level.SEVERE,
            null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(Categories.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 Categories().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JCheckBox CB1;
private javax.swing.JCheckBox CB2;
private javax.swing.JCheckBox CB3;
private javax.swing.JCheckBox CB4;
private javax.swing.JCheckBox CB5;
private javax.swing.JLabel WarningLabel;
private javax.swing.ButtonGroup buttonGroup1;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
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.JPanel jPanel1;
// End of variables declaration
}

```

## Select Categories :-



A screenshot of a web application window titled "Question 1". The window has a blue background and a grey title bar with three colored buttons (red, yellow, green). The text "Question 1" is displayed in large white font. Below it, the instruction "You have to select one option out of four" is shown in black. A reminder "Remember question is ask related to the catagories" is written in orange. The question "Question : 2 +2 ?" is presented in black. Four radio button options are listed vertically: 1, 2, 3, and 4. A light blue "DONE" button is located in the bottom right corner.

**Question 1**

You have to select one option out of four

Remember question is ask related to the catagories

Question : 2 +2 ?

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4

**DONE**



# Question 7

You have to select one option out of four

Remember question is ask related to the catagories

Question : Main consept of OOP are ?

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4

DONE

## Question 10


You have to select one option out of four

**Question :** What main thing living thing do ?

 playing

 dance

● talking

 breathing

DONE

**Code:-**

[illegible]

```

    }else{
        totalMarks+=totalMarks+0;
        System.out.println("booooo");
    }
    System.out.println("So total marks is " + totalMarks);
}

```

```

dispose();
ViewResult obj = new ViewResult(Categories.ArrayData.TotalMarks);
obj.setVidId(true);

}

}

private void L1.Action/Performed(java.awt.Event.ActionEvent evt) {
    // TODO add your handling code here:
    AnswerSelected = questionId[dataId];
}

//
// System.out.println();

private void L1.Action/Performed(java.awt.Event.ActionEvent evt) {
    // TODO add your handling code here:
    AnswerSelected = questionId[dataId];
}

//
// System.out.println();

private void L1.Action/Performed(java.awt.Event.ActionEvent evt) {
    // TODO add your handling code here:
    AnswerSelected = questionId[dataId];
}

//
// System.out.println();

private void L1.Action/Performed(java.awt.Event.ActionEvent evt) {
    // TODO add your handling code here:
    AnswerSelected = questionId[dataId];
}

//
// System.out.println();

}

}

private void L1.Action/Performed(java.awt.Event.ActionEvent evt) {
    // TODO add your handling code here:
    AnswerSelected = questionId[dataId];
}

//
// System.out.println();

}

}

/**
 * @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)'>
    // <!-- 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 (java.swing.UIManager.LookAndFeelInfo info :
            java.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                java.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

```

```
// Variables declaration - do not modify
private javax.swing.JRadioButton L1c;
private javax.swing.JRadioButton L1e;
private javax.swing.JRadioButton L1g;
private javax.swing.JRadioButton L1j;
private javax.swing.JLabel QuestionLabel;
private javax.swing.ButtonGroup buttonGroup;
private javax.swing.JButton buttonZoom;
private javax.swing.JButton done;
private javax.swing.JComboBox<String> JComboBox;
private javax.swing.JLabel lLabel;
private javax.swing.JLabel lLabel2;
private javax.swing.JLabel lLabel3;
private javax.swing.JLabel lLabel6;
private javax.swing.JPanel Panel;
// End of variables declaration
```

## Answers :-

# Answer of Questions

You should be proud of your excellent performance  
Correct answer is written in front of it

Question 1	4
Question 2	0
Question 3	20
Question 4	object
Question 5	oriented
Question 6	programming
Question 7	4
Question 8	electron
Question 9	earth
Question 10	breathing

Enter Your name

ALI

Show Rank

[illegible]






















































```
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JToggleButton JToggleButton1;  
// End of variables declaration
```

### Rank :-



## Database Tabe In SQL :-

**SQL :-**

Filters														
Containing the word: <input type="text"/>														
	Table 	Action							Rows 	Type	Collation	Size	Overhead	
<input type="checkbox"/>	Gernal_Knowage		 Browse	 Structure	 Search	 Insert	 Empty	 Drop	4	InnoDB	utf8_general_ci	16.0 KiB	-	
<input type="checkbox"/>	login		 Browse	 Structure	 Search	 Insert	 Empty	 Drop	11	InnoDB	utf8_general_ci	16.0 KiB	-	
<input type="checkbox"/>	Math		 Browse	 Structure	 Search	 Insert	 Empty	 Drop	4	InnoDB	utf8_general_ci	16.0 KiB	-	
<input type="checkbox"/>	OOP		 Browse	 Structure	 Search	 Insert	 Empty	 Drop	4	InnoDB	utf8_general_ci	16.0 KiB	-	
<input type="checkbox"/>	Programming		 Browse	 Structure	 Search	 Insert	 Empty	 Drop	4	InnoDB	utf8_general_ci	16.0 KiB	-	
<input type="checkbox"/>	Science		 Browse	 Structure	 Search	 Insert	 Empty	 Drop	4	InnoDB	utf8_general_ci	16.0 KiB	-	
<input type="checkbox"/>	StudentRank		 Browse	 Structure	 Search	 Insert	 Empty	 Drop	2	InnoDB	utf8_general_ci	16.0 KiB	-	
	7 tables		Sum							33	InnoDB	utf8_general_ci	112.0 KiB	0 B
	<input type="checkbox"/> Check all	With selected: 												

## Login:-

+ Options

name	password
sha	12
shahmir	123
rashid	123
124	usman
1	1
ali	123
saba	123
rehan	123



## Math table :-

+ Options

ID	question	a	b	c	d	catagorie	rank	answer
1	2 +2 ?	1	2	3	4	math	5	4
2	1- 1 = ?	1	2	3	0	math	1	0
3	10 +10 = ?	12	23	45	20	math	3	20
4	3 * 3 = ?	3	6	9	3	math	4	9

## Programming table:-

+ Options

ID	question	a	b	c	d	catagorie	rank	answer
1	what is the programming?	logic	concept	coding	set of instruction	Programming	2	set of instruction
2	in following which one in 100 percent OOP language	C	C++	python	java	Programming	3	java
3	In followig which programming language developer i...	python	C#	dart	java	Programming	4	java
4	World first programmer was ?	male	No record found	other	female	Programming	2	female

## OOP table :-

+ Options

ID	question	a	b	c	d	catagorie	rank	answer
1	first O satnd for in OOP?	option	oriented	oxx	object	OOP	3	object
2	Secound O stands for in OOP ?	option	oop	object	oriented	OOP	4	oriented
3	last P stand for in OOP ?	paragraph	process	pogo	programming	OOP	5	programming
4	Main concept of OOP are ?	1	2	3	4	OOP	2	4

## Gernal\_knowlage table:-

+ Options

ID	question	a	b	c	d	catagorie	rank	answer
1	what is the smallest unit ?	pen	ball	atom	electron	Science	5	electron
2	Humans live in which planet ?	Mars	pluto	saturn	earth	Science	2	earth
3	What main thing living thing do ?	playing	dance	talking	breathing	Science	4	breathing
4	Who produce oxygen?	human	animals	ocean	plants	Science	1	plants

## Rank Student:-

+ Options

id	name	marks
1	Shahmir	34
1	ALI	27

# DAO Class Code:-

```
/
package firsttest;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;

import java.lang.reflect.Field;
/**
 * @author shubmikhian
 */

class Login{
    String name ;
    String password ;
}

class Question{
    int ID;
    String question;
    String a;
    String b;
    String c;
    String d;
    String answer;
    String categorie;
    int marks;
}

public class DAO {

    Connection conn;
    void connection(){

        try {
            Class.forName("com.mysql.jdbc.Driver");
            String url = "jdbc:mysql://localhost:3306/LMSdb";
            String user = "root";
            String password = "root";

            conn = DriverManager.getConnection(url, user, password);

        } catch (ClassNotFoundException ex) {

        } catch (SQLException ex) {

        }
    }

    int insert(Login s){

        try {
            connection();

            // String name=s.name;
            // String password=s.password;

            Statement stmt = conn.createStatement();
            stmt.executeUpdate("INSERT INTO `login`(`name`,`password`) VALUES ('"+name+"','"+password+"')");
            // JOptionPane.showMessageDialog(this, "Record Inserted");
        } catch (SQLException ex) {
            Logger.getLogger(StudentLogin.class.getName()).log(Level.SEVERE, null, ex);
        }

        return 0;
    }

    //Select for verification

    String selectall(String name,String password){
        ResultSet rs= null;
        String CurrentName=null;
        String CurrentPassword=null;
        String TFName=name;
        String TFPassWord=password;
        int c=0;
        try{
            connection();

            Statement stmt = conn.createStatement();
            rs = stmt.executeQuery("SELECT * FROM login");

            while(rs.next()){
                CurrentName=rs.getString("name");
                System.out.println(name);

                CurrentPassword=rs.getString("password");
                System.out.println(password);

                if(CurrentName.equals(TFName) && CurrentPassword.equals(TFPassWord)){//

                    System.out.println("Login is verified");
                    Categories obj= new Categories(c,c,c,c,c,c);
                    obj.setVisible(true);
                    break;
                }
            }
        } catch (Exception ex){
            return "";
        }
    }

    int CreateTable(String CategorieName){
        try{
            connection();
            Statement stmt=conn.createStatement();
            stmt.executeUpdate("CREATE TABLE '"+CategorieName+"' (" +
                " ID int(4) +
                " question varchar(255),a' +
                " a varchar(255),a' +
                " b varchar(255),a' +
                " c varchar(255),a' +
                " d varchar(255),a' +
                " categorie varchar(255),a' +
                " rank int(40),a' +
                " answer varchar(255)a' +
                ")");
            System.out.println("Table created");
        } catch (Exception ex){
            System.out.println("Error in creating table");
            System.out.println(ex);
        }
        return 0;
    }

    int insertQuestion(Question s){
        try{
            connection();

            Statement stmt = conn.createStatement();
            stmt.executeUpdate("INSERT INTO '"+s.categorie+"'('ID','question','a','b','c','d','categorie','rank','
            'answer') VALUES
            ('"+s.ID+"','"+s.question+"','"+s.a+"','"+s.b+"','"+s.c+"','"+s.d+"','"+s.categorie+"','"+s.marks+"','"+s.answer+"')");

            System.out.println("question inserted successfully");
        } catch (Exception ex){
            System.out.println(ex);
        }
        return 0;
    }

    int UpdateQuestion(Question s){
        try{
            connection();

            Statement stmt = conn.createStatement();
            stmt.executeUpdate("UPDATE '"+s.categorie+"' SET
            'question'='"+s.question+"','a'='"+s.a+"','b'='"+s.b+"','c'='"+s.c+"','d'='"+s.d+"','categorie'='"+s.categorie+"','rank'
            '='"+s.marks+"','answer'='"+s.answer+"' WHERE id='"+s.ID+"'");

            System.out.println("question updated successfully");
        } catch (Exception ex){
            System.out.println(ex);
        }
        return 0;
    }

    int UpdateCategories(String OldCat,String NewCat){
        try{
            connection();

            Statement stmt = conn.createStatement();
            stmt.executeUpdate("ALTER TABLE '"+OldCat+"' RENAME TO '"+NewCat+"'");

            System.out.println("Table name updated successfully");
        } catch (Exception ex){
            System.out.println(ex);
        }
        return 0;
    }

    String showCategories(){
        ResultSet rs= null;
        String CurrentName=null;
        String CurrentPassword=null;
        String TFName=name;
        String TFPassWord=password;
        int c=0;
        try{
            connection();

            Statement stmt = conn.createStatement();
            rs = stmt.executeQuery("SELECT * FROM '"+CurrentName);

            String c1="Math";
            String c2="DOOP";
            String c3="Science";
            String c4="Programming";
            String c5="General Knowledge";

            while(rs.next()){

                System.out.println(name);

                System.out.println(password);

                break;
            }
            System.out.println("three categories is selected");
            Categories obj= new Categories(c,c,c,c,c,c);
            obj.setVisible(true);
        } catch (Exception ex){
            return "";
        }
    }

    String[] questionData(String CategoriesName,int id){
        // System.out.println(id);

        ResultSet rs= null;
        String[] questionData = new String[5];
        // String CurrentName=null;
        // String CurrentPassword=null;
        // String TFName=name;
        // String TFPassWord=password;
        // int c=0;
        try{
            connection();

            Statement stmt = conn.createStatement();
            rs = stmt.executeQuery("SELECT * FROM '"+CategoriesName+"' WHERE id='"+id+"'");

            while(rs.next()){
                questionData[0]=rs.getString("question");
                questionData[1]=rs.getString("a");
                questionData[2]=rs.getString("b");
                questionData[3]=rs.getString("c");
                questionData[4]=rs.getString("d");
                questionData[5]=rs.getString("rank");
                questionData[6]=rs.getString("answer");
                System.out.println(questionData[0]);

                // CurrentPassword=rs.getString("password");
                // System.out.println(password);

                if(CurrentName.equals(TFName) && CurrentPassword.equals(TFPassWord)){//

                    System.out.println("Login is verified");
                    Categories obj= new Categories(c,c,c,c,c,c);
                    obj.setVisible(true);
                    break;
                }
            }
        } catch (Exception ex){
            System.out.println(ex);
        }

        // }/for
        // System.out.println(questionData);
        return questionData ;
    }

    }/QuestionAsk

    int id=0;
    int EnterRank(String name, int totalMarks){

        try{
            connection();

            id++;

            Statement stmt = conn.createStatement();
            stmt.executeUpdate("INSERT INTO StudentRank('id','name','marks') VALUES
            ('"+id+"','"+name+"','"+totalMarks+"')");
            System.out.println("Rank and user name is inserted successfully");

        } catch (SQLException ex) {
            Logger.getLogger(StudentLogin.class.getName()).log(Level.SEVERE, null, ex);
        }

        return 0;
    }

    ResultSet selectall(){
        ResultSet rs= null;
        try{
            connection();

            Statement stmt = conn.createStatement();
            rs = stmt.executeQuery("SELECT * FROM StudentRank");

        } catch (Exception ex){
            return rs;
        }
    }

    }/DAO
}
```

