

Create Login, Signup, Home, Insert, Search Product and other operations in stationary management system.

WELCOME SCREEN:

```
package java_practical;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.JPanel;

public class welcome_screen extends javax.swing.JFrame {

    /**
     * Creates new form welcome_screen
     */
    public welcome_screen() {
        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();
        button2 = new java.awt.Button();
        button1 = new java.awt.Button();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        button2.setBackground(new java.awt.Color(3, 158, 189));
        button2.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
        button2.setFont(new java.awt.Font("Arial", 3, 20)); // NOI18N
        button2.setForeground(new java.awt.Color(255, 255, 255));
        button2.setLabel("Login");
        button2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        button1.setActionCommand("SignUp");
        button1.setBackground(new java.awt.Color(3, 158, 189));
        button1.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
        button1.setFont(new java.awt.Font("Arial", 3, 20)); // NOI18N
        button1.setForeground(new java.awt.Color(255, 255, 255));
        button1.setLabel("Sign Up");
    }
}
```

```

button1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jLabel2.setFont(new java.awt.Font("Segoe Script", 3, 30)); // NOI18N
jLabel2.setForeground(new java.awt.Color(3, 158, 189));
jLabel2.setText("Welcome");
jLabel2.setToolTipText("");

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(89, 89, 89)
            .addComponent(jLabel2)
            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(35, 35, 35)
            .addComponent(button2, javax.swing.GroupLayout.PREFERRED_SIZE, 90, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(button1, javax.swing.GroupLayout.PREFERRED_SIZE, 90, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(51, 51, 51))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(22, 22, 22)
            .addComponent(jLabel2)
            .addGap(33, 33, 33)
        )
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(button2, javax.swing.GroupLayout.PREFERRED_SIZE, 47, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(button1, javax.swing.GroupLayout.PREFERRED_SIZE, 47, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap())
);

jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/java_practical/user.jpg"))); // NOI18N

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()

```

```

        .addContainerGap()
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 340,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 366,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addContainerGap())
        );

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    login loginpage = new login();
    loginpage.setVisible(true);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    signup signup = new signup();
    signup.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(welcome_screen.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
    } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(welcome_screen.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
    }
//</editor-fold>

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

// Variables declaration - do not modify
private java.awt.Button button1;
private java.awt.Button button2;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JPanel jPanel1;
// End of variables declaration
}

```



LOGIN:

```
package java_practical;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.JPanel;

public class login extends javax.swing.JFrame {

    /**
     * Creates new form login
     */
    public login() {
        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();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    username = new javax.swing.JTextField();
    pass = new javax.swing.JTextField();
    label1 = new java.awt.Label();
    label4 = new java.awt.Label();
    jLabel4 = new javax.swing.JLabel();
    loginbtn = new java.awt.Button();
    exit = new java.awt.Button();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel2.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel2.setText("Username :");

    jLabel3.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel3.setText("Password :");

    username.setFont(new java.awt.Font("Times New Roman", 0, 20)); // NOI18N

    pass.setFont(new java.awt.Font("Times New Roman", 0, 20)); // NOI18N

    label1.setFont(new java.awt.Font("Dialog", 0, 40)); // NOI18N
    label1.setForeground(new java.awt.Color(3, 158, 189));
    label1.setText("ROCKET STATIONARY");

    label4.setFont(new java.awt.Font("Dialog", 2, 20)); // NOI18N
    label4.setText("LOGIN SCREEN");

    jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel4.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/java_practical/user.jpg"))); // NOI18N

    loginbtn.setBackground(new java.awt.Color(3, 158, 189));
    loginbtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
    loginbtn.setFont(new java.awt.Font("Arial", 3, 20)); // NOI18N
    loginbtn.setForeground(new java.awt.Color(255, 255, 255));
    loginbtn.setLabel("Login");
    loginbtn.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            loginbtnActionPerformed(evt);
        }
    });

    exit.setActionCommand("SignUp");
    exit.setBackground(new java.awt.Color(3, 158, 189));
    exit.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));

```

[illegible]

```

        .addGroup(jPanel1Layout.createSequentialGroup())
        .addContainerGap()
        .addComponent(label1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(23, 23, 23)
        .addComponent(label4, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(58, 58, 58)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(username, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(pass, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(78, 78, 78)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(loginbtn, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(exit, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 434,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, 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(layout.createSequentialGroup()
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(0, 0, 0)

```



```

        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    );

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

private void loginbtnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String user = username.getText(); //username
    String password = pass.getText(); //password
    if(user.trim().equals("admin")&&(password.trim().equals("12345")))
    {
        JOptionPane.showMessageDialog(null,"Valid User");
        setVisible(false);
        homepage h=new homepage();
        h.setVisible(true);
    }
    else
    {
        JOptionPane.showMessageDialog(null,"Invalid User");
    }
    System.exit(0);
}

private void exitActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    System.exit(0);
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {
        java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

```

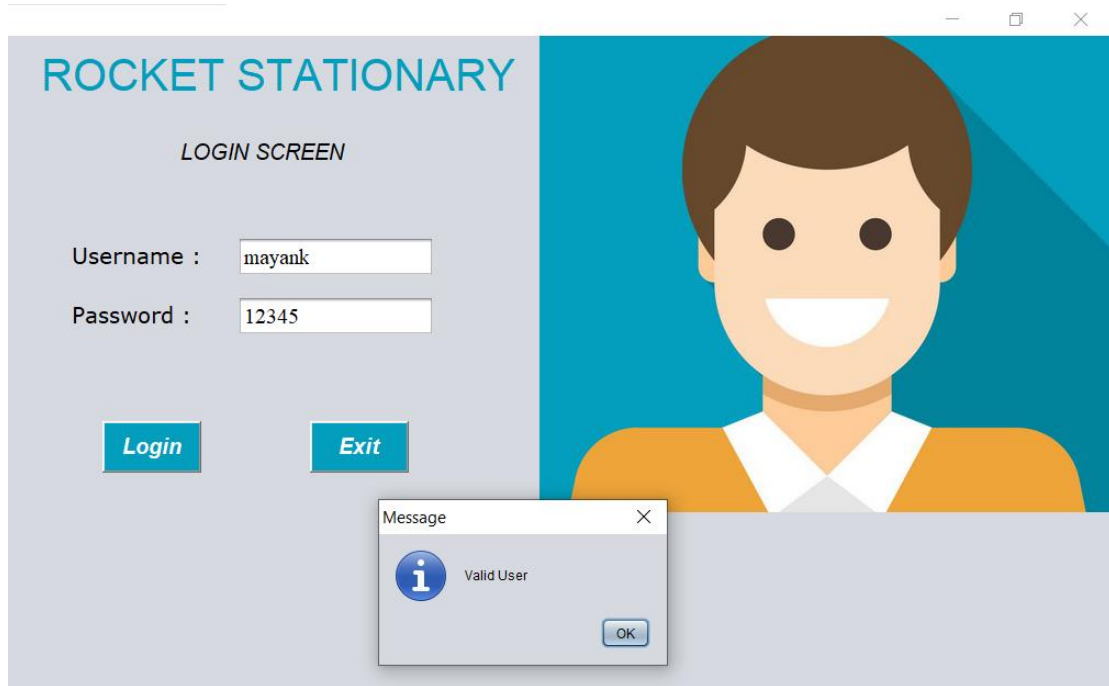
```
java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
```

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

```
java.util.logging.Logger.getLogger(login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
//</editor-fold>
```

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

```
// Variables declaration - do not modify
private java.awt.Button exit;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JPanel jPanel1;
private java.awt.Label label1;
private java.awt.Label label4;
private java.awt.Button loginbtn;
private javax.swing.JTextField pass;
private javax.swing.JTextField username;
// End of variables declaration
}
```



SIGNUP:

```
package java_practical;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.JPanel;

public class signup extends javax.swing.JFrame {

    /**
     * Creates new form signup
     */
    public signup() {
        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();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jTextField1 = new javax.swing.JTextField();
        jTextField2 = new javax.swing.JTextField();
    }
}
```

```

jTextField3 = new javax.swing.JTextField();
jTextField4 = new javax.swing.JTextField();
jTextField5 = new javax.swing.JTextField();
label1 = new java.awt.Label();
label4 = new java.awt.Label();
button2 = new java.awt.Button();
button1 = new java.awt.Button();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel2.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel2.setText("First Name :");

jLabel3.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel3.setText("Last Name :");

jLabel5.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel5.setText("Password :");

jLabel6.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel6.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel6.setText("Retype Password :");

jLabel4.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel4.setText("Email :");

jTextField1.setFont(new java.awt.Font("Tahoma", 0, 20)); // NOI18N

jTextField2.setFont(new java.awt.Font("Tahoma", 0, 20)); // NOI18N

jTextField3.setFont(new java.awt.Font("Tahoma", 0, 20)); // NOI18N

jTextField4.setFont(new java.awt.Font("Tahoma", 0, 20)); // NOI18N

jTextField5.setFont(new java.awt.Font("Tahoma", 0, 20)); // NOI18N

label1.setFont(new java.awt.Font("Dialog", 0, 40)); // NOI18N
label1.setForeground(new java.awt.Color(3, 158, 189));
label1.setText("ROCKET STATIONARY");

label4.setFont(new java.awt.Font("Dialog", 2, 20)); // NOI18N
label4.setText("CREATE AN ACCOUNT");

button2.setBackground(new java.awt.Color(3, 158, 189));
button2.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
button2.setFont(new java.awt.Font("Arial", 3, 20)); // NOI18N
button2.setForeground(new java.awt.Color(255, 255, 255));
button2.setLabel("Sign Up");
button2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

```

```
}  
});  
  
button1.setActionCommand("SignUp");  
button1.setBackground(new java.awt.Color(3, 158, 189));  
button1.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));  
button1.setFont(new java.awt.Font("Arial", 3, 20)); // NOI18N  
button1.setForeground(new java.awt.Color(255, 255, 255));  
button1.setLabel("Exit");  
button1.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()  
            .addContainerGap()  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addGap(12, 12, 12)  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addComponent(jLabel5)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
        .addComponent(jTextField4,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 151,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel1Layout.createSequentialGroup()  
                .addComponent(jLabel4)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
        .addComponent(jTextField3,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 151,  
    javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(jPanel1Layout.createSequentialGroup()  
                .addComponent(jLabel3)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```

        .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 151,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup()
        .addComponent(jLabel2)
        .addGap(99, 99, 99)
        .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 151,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jLabel6)

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

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

        .addComponent(button1,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jTextField5,
javax.swing.GroupLayout.PREFERRED_SIZE, 151,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addComponent(label1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 21, Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup()

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

        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(70, 70, 70)
        .addComponent(button2, javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(108, 108, 108)
        .addComponent(label4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(27, 27, 27)
        .addComponent(label1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(label4, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(24, 24, 24)

```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(16, 16, 16)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(19, 19, 19)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 47,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(button1, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(button2, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(25, 25, 25))
);

```

```

        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:
        setVisible(false);
        homepage home = new homepage();
        home.setVisible(true);
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        System.exit(0);
    }

    /**
     * @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(signup.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

```



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

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

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

```
// Variables declaration - do not modify
private java.awt.Button button1;
private java.awt.Button button2;
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.JPanel jPanel1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private java.awt.Label label1;
private java.awt.Label label4;
// End of variables declaration
}
```

ROCKET STATIONARY

CREATE AN ACCOUNT

First Name :

Last Name :

Email :

Password :

Retype Password :

HOMEPAGE:

```
package java_practical;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.JPanel;

public class homepage extends javax.swing.JFrame {

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

        jMenuItem1 = new javax.swing.JMenuItem();
        jMenuItem2 = new javax.swing.JMenuItem();
        jMenuItem4 = new javax.swing.JMenuItem();
        jLabel2 = new javax.swing.JLabel();
    }
}
```

```

jMenuBar1 = new javax.swing.JMenuBar();
jMenu1 = new javax.swing.JMenu();
jMenuItem3 = new javax.swing.JMenuItem();
jMenuItem4 = new javax.swing.JMenuItem();
jMenuItem5 = new javax.swing.JMenuItem();
jMenuItem6 = new javax.swing.JMenuItem();
jMenu2 = new javax.swing.JMenu();
jMenu3 = new javax.swing.JMenu();

jMenuItem1.setText("jMenuItem1");

jMenuItem2.setText("jMenuItem2");

jMenu4.setText("jMenu4");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setIconImages(null);

jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/java_practical/user.jpg"))); // NOI18N

jMenu1.setText("File");

jMenuItem3.setText("Insert Page");
jMenuItem3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem3ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem3);

jMenuItem4.setText("Main Page");
jMenuItem4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem4ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem4);

jMenuItem5.setText("Search");
jMenuItem5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem5ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem5);

jMenuItem6.setText("Exit");
jMenuItem6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem6ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem6);

```

```

jMenuBar1.add(jMenu1);

jMenu2.setText("Edit");
jMenuBar1.add(jMenu2);

jMenu3.setText("View");
jMenuBar1.add(jMenu3);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 479,
javax.swing.GroupLayout.PREFERRED_SIZE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 540,
javax.swing.GroupLayout.PREFERRED_SIZE)
);

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

private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {
    setVisible(false);
    new insrtpage();
}

private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {
    setVisible(false);
    new showpage();
}

private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {
    setVisible(false);
    new searchdata();
}

private void jMenuItem6ActionPerformed(java.awt.event.ActionEvent evt) {
    System.exit(0);
}

/**
 * @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(homepage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(homepage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    }
    //</editor-fold>

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

// Variables declaration - do not modify
private javax.swing.JLabel jLabel2;
private javax.swing.JMenu jMenu1;
private javax.swing.JMenu jMenu2;
private javax.swing.JMenu jMenu3;
private javax.swing.JMenu jMenu4;
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JMenuItem jMenuItem1;
private javax.swing.JMenuItem jMenuItem2;
private javax.swing.JMenuItem jMenuItem3;
private javax.swing.JMenuItem jMenuItem4;
private javax.swing.JMenuItem jMenuItem5;
private javax.swing.JMenuItem jMenuItem6;
// End of variables declaration
}

```



INSERT PAGE:

```
package java_practical;
import java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

public class insrtpage extends javax.swing.JFrame {
    Connection con; //object for connection
    PreparedStatement pst; //object for sql query

    public insrtpage() { //constructor
        try {
            initComponents();
            setVisible(true);
            Class.forName("org.apache.derby.jdbc.ClientDriver"); //1.driver

            con=DriverManager.getConnection("jdbc:derby://localhost:1527/employee","root","root");
            //connection string
            JOptionPane.showMessageDialog(null,"DataBase Connected");
            pst=con.prepareStatement("insert into PRODUCT values(?,?,?,?)"); //sql query
        } catch (ClassNotFoundException ex) {
            Logger.getLogger(insrtpage.class.getName()).log(Level.SEVERE, null, ex);
        } catch (SQLException ex) {
            Logger.getLogger(insrtpage.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
}
```

```

    }
}

/**
 * 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();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    id = new javax.swing.JTextField();
    name = new javax.swing.JTextField();
    quan = new javax.swing.JTextField();
    price = new javax.swing.JTextField();
    total = new javax.swing.JTextField();
    clearbtn = new java.awt.Button();
    insrtbtn = new java.awt.Button();
    homebtn = new java.awt.Button();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel1.setFont(new java.awt.Font("Verdana", 0, 40)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(3, 158, 189));
    jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel1.setText("Fill the Item Data");

    jLabel2.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel2.setText("Product ID :");

    jLabel3.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel3.setText("Product Name :");

    jLabel4.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel4.setText("Product Quantity :");

    jLabel5.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel5.setText("Product Price :");

    jLabel6.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel6.setText("Total Price :");

    id.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

    name.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

    quan.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

```

```
price.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
total.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

clearbtn.setBackground(new java.awt.Color(3, 158, 189));
clearbtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
clearbtn.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
clearbtn.setForeground(new java.awt.Color(255, 255, 255));
clearbtn.setLabel("Clear");
clearbtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        clearbtnActionPerformed(evt);
    }
});

insrtbtn.setBackground(new java.awt.Color(3, 158, 189));
insrtbtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
insrtbtn.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
insrtbtn.setForeground(new java.awt.Color(255, 255, 255));
insrtbtn.setLabel("Insert");
insrtbtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        insrtbtnActionPerformed(evt);
    }
});

homebtn.setBackground(new java.awt.Color(3, 158, 189));
homebtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
homebtn.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
homebtn.setForeground(new java.awt.Color(255, 255, 255));
homebtn.setLabel("Home");
homebtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        homebtnActionPerformed(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()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jPanel1Layout.createSequentialGroup()
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addGap(91, 91, 91)

```



```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel2,
        javax.swing.GroupLayout.PREFERRED_SIZE, 142,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel3))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
    .addComponent(name, javax.swing.GroupLayout.DEFAULT_SIZE,
        229, Short.MAX_VALUE)
    .addComponent(id))
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel1Layout.createSequentialGroup())

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel4)
    .addComponent(jLabel5)
    .addComponent(jLabel6))
.addGap(35, 35, 35)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(total,
        javax.swing.GroupLayout.PREFERRED_SIZE, 229,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(price,
        javax.swing.GroupLayout.PREFERRED_SIZE, 229,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(quant,
        javax.swing.GroupLayout.PREFERRED_SIZE, 229,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGroup(jPanel1Layout.createSequentialGroup())
    .addComponent(insrtbtn,
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,
        javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(clearbtn,
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(95, 95, 95)
    .addComponent(homebtn,
        javax.swing.GroupLayout.PREFERRED_SIZE, 90,
        javax.swing.GroupLayout.PREFERRED_SIZE)))

```

```

        .addGap(0, 0, Short.MAX_VALUE)))
        .addGap(0, 35, Short.MAX_VALUE))
        .addComponent(jLabel1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addContainerGap())
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(38, 38, 38)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(31, 31, 31)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(id, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(name, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(10, 10, 10)
                .addComponent(quan, javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(11, 11, 11)
                .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(price, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(18, 18, 18)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

```

```

        .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(total, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(51, 51, 51)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
NG)
        .addComponent(clearbtn, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(homebtn, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(insrtbtn, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(57, 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(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addContainerGap())
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addContainerGap())
    );

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

```

```

private void clearbtnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    id.setText(" ");
    name.setText(" ");
    quan.setText(" ");
    price.setText(" ");
    total.setText(" ");
    id.requestFocus();
}

```

```

private void insrtbtnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String pid = id.getText();
    String pname = name.getText();
    String pquan = quan.getText();
    String pprice = price.getText();
}

```

```

String ptotal = total.getText();
try
{
    pst.setString(1,pid);
    pst.setString(2,pname);
    pst.setString(3,pquan);
    pst.setString(4,pprice);
    pst.setString(5,ptotal);
    int res=pst.executeUpdate();
    if(res>=1)
    {
        JOptionPane.showMessageDialog(null,"Data Inserted Successfully");
        setVisible(false);
        homepage h=new homepage();
        h.setVisible(true);
    }
    else
    {
        JOptionPane.showMessageDialog(null,"Error Occurred");
    }
}
catch (Exception e)
{
    JOptionPane.showMessageDialog(null,e.getMessage());
}
}

private void homebtnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    homepage h=new homepage();
    h.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(filldata.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
```

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

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

```
java.util.logging.Logger.getLogger(filldata.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
//</editor-fold>
```

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

```
// Variables declaration - do not modify
private java.awt.Button clearbtn;
private java.awt.Button homebtn;
private javax.swing.JTextField id;
private java.awt.Button insrtbtn;
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.JPanel jPanel1;
private javax.swing.JTextField name;
private javax.swing.JTextField price;
private javax.swing.JTextField quan;
private javax.swing.JTextField total;
// End of variables declaration
}
```

Fill the Item Data

Product ID :


Product Name :

Product Quantity :

Product Price :

Total Price :

Message ×

 Data Inserted Successfully

MAIN PAGE:

```
package java_practical;
import java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class showpage extends javax.swing.JFrame {
    Connection con;
    PreparedStatement pst1,pst2,pst3,pst4;
    DefaultTableModel dtm;
    ResultSet rs;

    public showpage() {
        try {
            initComponents();
            setVisible(true);
            Class.forName("org.apache.derby.jdbc.ClientDriver");

            con=DriverManager.getConnection("jdbc:derby://localhost:1527/employee","root","root");
            JOptionPane.showMessageDialog(null,"DataBase Connected");
        } catch (ClassNotFoundException ex) {
            Logger.getLogger(insrtpage.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
}
```

```

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

/**
 * 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();
    jScrollPane1 = new javax.swing.JScrollPane();
    tbl = new javax.swing.JTable();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    pid = new javax.swing.JTextField();
    pname = new javax.swing.JTextField();
    pquan = new javax.swing.JTextField();
    pprice = new javax.swing.JTextField();
    ptotal = new javax.swing.JTextField();
    insrtbtn = new java.awt.Button();
    insrtbtn1 = new java.awt.Button();
    insrtbtn2 = new java.awt.Button();
    insrtbtn3 = new java.awt.Button();
    insrtbtn4 = new java.awt.Button();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    tbl.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {
            {null, null, null, null, null},
            {null, null, null, null, null},
            {null, null, null, null, null},
            {null, null, null, null, null},
            {null, null, null, null, null},
            {null, null, null, null, null}
        },
        new String [] {
            "PID", "PNAME", "PQUANTITY", "PPRICE", "PTOTAL"
        }
    ));
    jScrollPane1.setViewportView(tbl);

    jLabel1.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel1.setText("Product ID :");

    jLabel2.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
    jLabel2.setText("Product Name :");

```

```

jLabel3.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel3.setText("Quantity :");

jLabel4.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel4.setText("Price :");

jLabel5.setFont(new java.awt.Font("Verdana", 0, 20)); // NOI18N
jLabel5.setText("Total Price :");

pid.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

pname.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

pquan.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

pprice.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

ptotal.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N

insrtbtn.setBackground(new java.awt.Color(3, 158, 189));
insrtbtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
insrtbtn.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
insrtbtn.setForeground(new java.awt.Color(255, 255, 255));
insrtbtn.setLabel("Home");
insrtbtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

insrtbtn1.setActionCommand("Show Record");
insrtbtn1.setBackground(new java.awt.Color(3, 158, 189));
insrtbtn1.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
insrtbtn1.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
insrtbtn1.setForeground(new java.awt.Color(255, 255, 255));
insrtbtn1.setLabel("Show Record");
insrtbtn1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

insrtbtn2.setBackground(new java.awt.Color(3, 158, 189));
insrtbtn2.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
insrtbtn2.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
insrtbtn2.setForeground(new java.awt.Color(255, 255, 255));
insrtbtn2.setLabel("Remove");
insrtbtn2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

insrtbtn3.setBackground(new java.awt.Color(3, 158, 189));

```



```

insrtbtn3.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
insrtbtn3.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
insrtbtn3.setForeground(new java.awt.Color(255, 255, 255));
insrtbtn3.setLabel("Update");
insrtbtn3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

insrtbtn4.setBackground(new java.awt.Color(3, 158, 189));
insrtbtn4.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
insrtbtn4.setFont(new java.awt.Font("Verdana", 3, 20)); // NOI18N
insrtbtn4.setForeground(new java.awt.Color(255, 255, 255));
insrtbtn4.setLabel("Clear");
insrtbtn4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(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()
            .add(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jPanel1Layout.createSequentialGroup()
                    .addContainerGap()
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .add(jPanel1Layout.createSequentialGroup()
                            .addComponent(jScrollPane1)
                            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                .add(jPanel1Layout.createSequentialGroup()
                                    .addComponent(jLabel1)
                                    .addComponent(jLabel2)
                                )
                                .add(jPanel1Layout.createSequentialGroup()
                                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                                        .addComponent(jLabel5,
                                            javax.swing.GroupLayout.Alignment.LEADING,
                                            javax.swing.GroupLayout.DEFAULT_SIZE, 145, Short.MAX_VALUE)
                                        .addComponent(jLabel4,
                                            javax.swing.GroupLayout.Alignment.LEADING,
                                            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
                                            Short.MAX_VALUE)
                                    )
                                    .addComponent(jLabel3,
                                        javax.swing.GroupLayout.Alignment.LEADING,
                                        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
                                        Short.MAX_VALUE)))
                                .addGap(26, 26, 26)
                            )
                        )
            )
        )
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .add(jPanel1Layout.createSequentialGroup()
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .add(jPanel1Layout.createSequentialGroup()
                        .addComponent(jLabel1)
                        .addComponent(jLabel2)
                    )
                    .add(jPanel1Layout.createSequentialGroup()
                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                            .addComponent(jLabel5,
                                javax.swing.GroupLayout.Alignment.LEADING,
                                javax.swing.GroupLayout.DEFAULT_SIZE, 145, Short.MAX_VALUE)
                            .addComponent(jLabel4,
                                javax.swing.GroupLayout.Alignment.LEADING,
                                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
                                Short.MAX_VALUE)
                        )
                        .addComponent(jLabel3,
                            javax.swing.GroupLayout.Alignment.LEADING,
                            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
                            Short.MAX_VALUE)))
                    .addGap(26, 26, 26)
                )
            )
        )
    );

```

```

        .addComponent(pid)
        .addComponent(pname)
        .addComponent(pquan)
        .addComponent(pprice)
        .addComponent(ptotal, javax.swing.GroupLayout.DEFAULT_SIZE, 190,
Short.MAX_VALUE))
        .addGap(77, 77, 77)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(insrtbtn4,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(insrtbtn1, javax.swing.GroupLayout.DEFAULT_SIZE,
307, Short.MAX_VALUE)
        .addComponent(insrtbtn2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(insrtbtn3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(insrtbtn, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))
        .addContainerGap()
    );
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 125,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(59, 59, 59)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(insrtbtn1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(pid, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(insrtbtn2, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(pname, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(insrtbtn3, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(pquan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(20, 20, 20)

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

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,
27, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(pprice, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(ptotal, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(insrtbtn4, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(insrtbtn, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(28, 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(layout.createSequentialGroup()
                .addGroup(layout.createSequentialGroup()
                    .addContainerGap()

```

```

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

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

```

```

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

```

```

        setVisible(false);
        homepage h=new homepage();
        h.setVisible(true);
    }

```

```

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

```

```

        try
        {
            pst2=con.prepareStatement("select * from
PRODUCT",ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_READ_ONL
Y);

```

```

            rs=pst2.executeQuery();
            ResultSetMetaData rsmd=rs.getMetaData();
            int cols=rsmd.getColumnCount();
            String colname[]=new String[cols];
            for(int i=1;i<=cols;i++)
            {
                colname[i-1]=rsmd洗getColumnNane(i);
            }
            int rows=0;
            while(rs.next())
            {
                rows++;
            }
            String data[][]=new String[rows][cols];
            rs.beforeFirst();
            rows=0;
            while(rs.next())
            {
                for(int i=1;i<=cols;i++)
                {
                    data[rows][i-1]=rs.getString(i);
                }
                rows++;
            }
            DefaultTableModel dtm = new DefaultTableModel(data,colname);

```

```

        tb1.setModel(dtm);
    }
}
catch (Exception e)
{
    JOptionPane.showMessageDialog(null,e.getMessage());
}
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    int i=tb1.getSelectedRow();
    try
    {
        int r;
        dtm=(DefaultTableModel)tb1.getModel();
        r = Integer.parseInt(dtm.getValueAt(i,0).toString());
        pst3=con.prepareStatement("delete from PRODUCT where pid='"+r+"'");
        pid.setText(dtm.getValueAt(i,0).toString());
        pname.setText(dtm.getValueAt(i,1).toString().trim());
        pquan.setText(dtm.getValueAt(i,2).toString());
        pprice.setText(dtm.getValueAt(i,3).toString());
        ptotal.setText(dtm.getValueAt(i,4).toString());
        int re=pst3.executeUpdate();
        if(re>=1)
        {
            JOptionPane.showConfirmDialog(null,"Do You really want to
DELETE?", "Confirmation",JOptionPane.YES_NO_OPTION);
            JOptionPane.showMessageDialog(null,"Item Deleted");
            dtm.removeRow(i);
            pid.setText("");
            pname.setText("");
            pquan.setText("");
            pprice.setText("");
            ptotal.setText("");
        }
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(null,e.getMessage());
    }
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    int i=tb1.getSelectedRow();
    try
    {
        dtm=(DefaultTableModel)tb1.getModel();
        pst1=con.prepareStatement("update PRODUCT set pname=?, pquan=?,
pprice=?,ptotal=? where pid=?");
        pst1.setString(1,pname.getText());
        pst1.setString(2,pquan.getText());
        pst1.setString(3,pprice.getText());
        pst1.setString(4,ptotal.getText());
    }
}

```

```

        pst1.setString(5,pid.getText());
        int r1=pst1.executeUpdate();
        if(r1>=1)
        {
            JOptionPane.showMessageDialog(this, "Updated Successfully");
        }
        catch (Exception e)
        {
            JOptionPane.showMessageDialog(null,e.getMessage());
            e.printStackTrace();
        }
    }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        pid.setText(" ");
        pname.setText(" ");
        pquan.setText(" ");
        pprice.setText(" ");
        ptotal.setText(" ");
        pid.requestFocus();
    }

    /**
     * @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(showpage.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

```

```

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(showpage.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    }
//</editor-fold>

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

// Variables declaration - do not modify
private java.awt.Button insrtbtn;
private java.awt.Button insrtbtn1;
private java.awt.Button insrtbtn2;
private java.awt.Button insrtbtn3;
private java.awt.Button insrtbtn4;
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;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextField pid;
private javax.swing.JTextField pname;
private javax.swing.JTextField pprice;
private javax.swing.JTextField pquan;
private javax.swing.JTextField ptotal;
private javax.swing.JTable tb1;
// End of variables declaration
}

```

PID	PNAME	PQUAN	PPRICE	PTOTAL
13	... Pencil	... 5	10	50
14	... Pen	... 10	20	200
15	... Book	... 5	100	500
10	... Eraser	... 5	10	50

Product ID :

Product Name :

Quantity :

Price :

Total Price :

Show Record

Remove

Update

Clear

Home

PID	PNAME	PQUAN	PPRICE	PTOTAL
13	... Pencil	... 5	10	50
14	... Pen	... 10	20	200
15	... Book	... 5	100	500
10	... Eraser	... 5	10	50

Product ID :

Product Name :

Quantity :

Price :

Total Price :

Show Record


Remove

Update

Clear

Home

Message

 Updated Successfully

OK

SEARCH PAGE:

```
package java_practical;
import java.sql.*;
```



```

import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;

public class searchdata extends javax.swing.JFrame {
    Connection con;
    PreparedStatement pst;
    DefaultTableModel dtm;
    ResultSet rs;
    /**
     * Creates new form searchdata
     */
    public searchdata() {
        initComponents();
        setVisible(true);
        try {
            Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/employee","root","root");
            JOptionPane.showMessageDialog(null,"Data Base Connected");
        } catch (Exception e)
        {
            JOptionPane.showMessageDialog(this,"Error in Connection");
        }
    }

    /**
     * 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();
        jRadioButton1 = new javax.swing.JRadioButton();
        jRadioButton2 = new javax.swing.JRadioButton();
        jRadioButton3 = new javax.swing.JRadioButton();
        sid = new javax.swing.JTextField();
        sprice = new javax.swing.JTextField();
        squan = new javax.swing.JTextField();
        jScrollPane1 = new javax.swing.JScrollPane();
        datat = new javax.swing.JTable();
        srchbtn = new java.awt.Button();
        backbtn = new java.awt.Button();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jRadioButton1.setFont(new java.awt.Font("Verdana", 0, 15)); // NOI18N
        jRadioButton1.setText("ID");

        jRadioButton2.setFont(new java.awt.Font("Verdana", 0, 15)); // NOI18N
        jRadioButton2.setText("Price");

        jRadioButton3.setFont(new java.awt.Font("Verdana", 0, 15)); // NOI18N

```

```

jRadioButton3.setText("Quantity");

sid.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N

sprice.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N

squan.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N
squan.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        squanActionPerformed(evt);
    }
});

datat.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null}
    },
    new String [] {
        "Product ID", "Product Name", "Quantity", "Price", "Total Price"
    }
));
jScrollPane1.setViewportViewView(datat);

srchbtn.setBackground(new java.awt.Color(3, 158, 189));
srchbtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
srchbtn.setFont(new java.awt.Font("Arial", 3, 20)); // NOI18N
srchbtn.setForeground(new java.awt.Color(255, 255, 255));
srchbtn.setLabel("Seach Item");
srchbtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

backbtn.setActionCommand("SignUp");
backbtn.setBackground(new java.awt.Color(3, 158, 189));
backbtn.setCursor(new java.awt.Cursor(java.awt.Cursor.DEFAULT_CURSOR));
backbtn.setFont(new java.awt.Font("Arial", 3, 20)); // NOI18N
backbtn.setForeground(new java.awt.Color(255, 255, 255));
backbtn.setLabel("Back");
backbtn.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)
        .add(jPanel1Layout.createSequentialGroup()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 567,
Short.MAX_VALUE)

```

```

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        NG)
            .addGroup(jPanel1Layout.createSequentialGroup())
                .addGap(38, 38, 38)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
        jPanel1Layout.createSequentialGroup()
            .addComponent(jRadioButton3,
            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
            Short.MAX_VALUE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(squan, javax.swing.GroupLayout.PREFERRED_SIZE,
            114, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(jPanel1Layout.createSequentialGroup())
                .addComponent(jRadioButton1,
                javax.swing.GroupLayout.PREFERRED_SIZE, 93,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(29, 29, 29)
                .addComponent(sid, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
            jPanel1Layout.createSequentialGroup()
                .addGap(14, 14, 14)
                .addComponent(sprice, javax.swing.GroupLayout.PREFERRED_SIZE,
                114, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addComponent(jRadioButton2,
                javax.swing.GroupLayout.PREFERRED_SIZE, 93,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGroup(jPanel1Layout.createSequentialGroup())
                .addGap(191, 191, 191)
                .addComponent(srchbtn, javax.swing.GroupLayout.PREFERRED_SIZE, 145,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(jPanel1Layout.createSequentialGroup())
                .addGap(213, 213, 213)
                .addComponent(backbtn, javax.swing.GroupLayout.PREFERRED_SIZE, 90,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
            Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(24, 24, 24)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jRadioButton1)
            .addComponent(sid, javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE))

```

```

        .addGap(18, 18, 18)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jRadioButton2)
            .addComponent(sprice, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jRadioButton3)
            .addComponent(squan, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(37, 37, 37)
            .addComponent(srchbtn, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 27,
                Short.MAX_VALUE)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 92,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(28, 28, 28)
            .addComponent(backbtn, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18))
        );

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .add(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .add(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .add(ContainerDefaults.getHGap()))
                    .addContainerGap())
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .add(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .add(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .add(ContainerDefaults.getVGap()))
                    .addContainerGap())
        );

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

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try
    {
        if(jRadioButton1.isSelected())
        {
            pst=con.prepareStatement("select * from PRODUCT where
pid=?",ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_READ_ONLY);
            pst.setString(1,sid.getText());
            rs=pst.executeQuery();
            dtm=(DefaultTableModel)datat.getModel();
            dtm.setRowCount(0);
            while(rs.next())
            {
                Object[] row
={rs.getString("pid"),rs.getString("pname"),rs.getString("pquan"),rs.getString("pprice"),rs.get
String("ptotal")};
                dtm.addRow(row);
            }
        }
        if(jRadioButton2.isSelected())
        {
            pst=con.prepareStatement("select * from PRODUCT where pprice=?");
            pst.setString(1,sprice.getText());
            rs=pst.executeQuery();
            dtm=(DefaultTableModel)datat.getModel();
            dtm.setRowCount(0);
            while(rs.next())
            {
                Object[] row
={rs.getString("pid"),rs.getString("pname"),rs.getString("pquan"),rs.getString("pprice"),rs.get
String("ptotal")};
                dtm.addRow(row);
            }
        }
        if(jRadioButton3.isSelected())
        {
            sid.setEnabled(false);
            pst=con.prepareStatement("select * from PRODUCT where pquan=?");
            pst.setString(1,squan.getText());
            rs=pst.executeQuery();
            dtm=(DefaultTableModel)datat.getModel();
            dtm.setRowCount(0);
            while(rs.next())
            {
                Object[] row =
{rs.getString("pid"),rs.getString("pname"),rs.getString("pquan"),rs.getString("pprice"),rs.getS
tring("ptotal")};
                dtm.addRow(row);
            }
        }
    } catch (Exception e)
    {
        JOptionPane.showMessageDialog(null,e.getMessage());
    }
}

```

```

        e.printStackTrace();
    }
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    setVisible(false);
    homepage home = new homepage();
    home.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(searchdata.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(searchdata.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    }
    //</editor-fold>

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

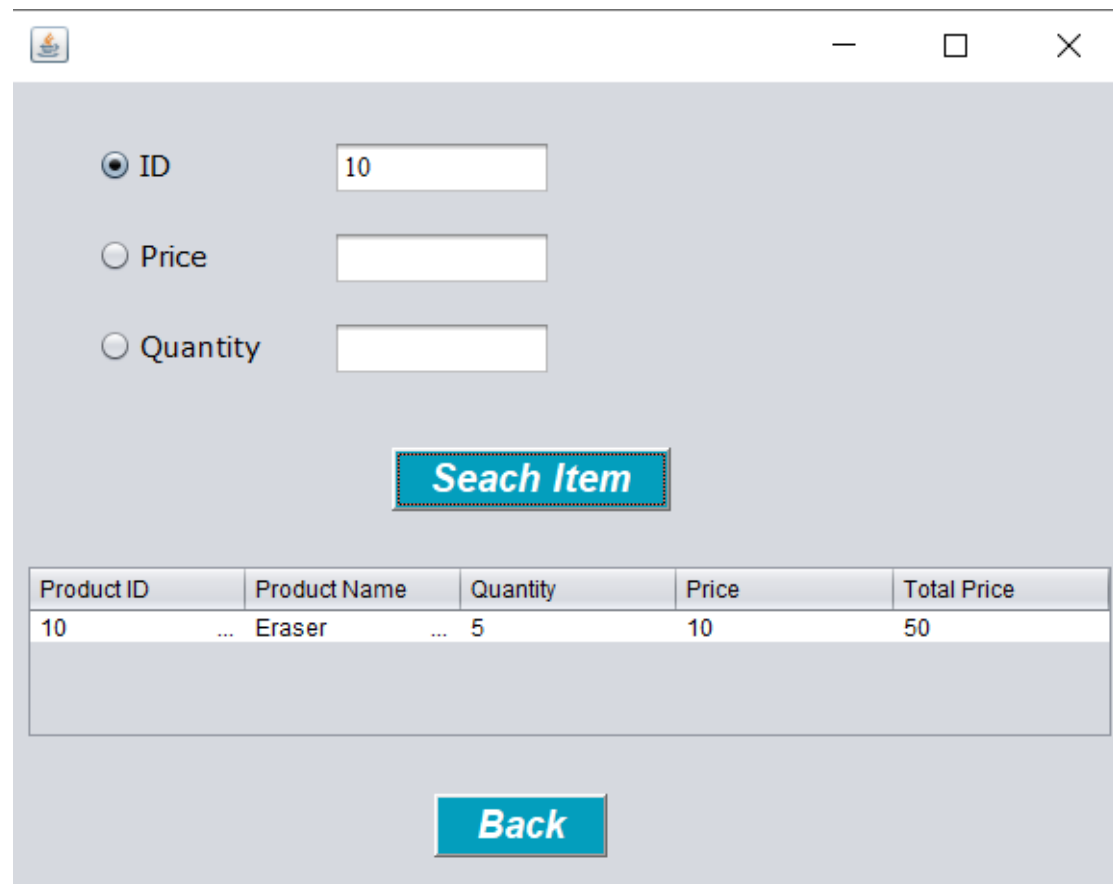
```

```

}


// Variables declaration - do not modify
private java.awt.Button backbtn;
private javax.swing.JTable datat;
private javax.swing.JPanel jPanel1;
private javax.swing.JRadioButton jRadioButton1;
private javax.swing.JRadioButton jRadioButton2;
private javax.swing.JRadioButton jRadioButton3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextField sid;
private javax.swing.JTextField sprice;
private javax.swing.JTextField squan;
private java.awt.Button srchbtn;
// End of variables declaration
}

```



The screenshot shows a Java Swing application window with a light gray background. At the top, there is a title bar with a small icon on the left and standard window controls (minimize, maximize, close) on the right. The main content area contains three radio buttons labeled "ID", "Price", and "Quantity". The "ID" radio button is selected. To the right of each radio button is a text input field. The "ID" field contains the number "10". Below the radio buttons is a blue button with white text that says "Search Item". At the bottom of the window is another blue button with white text that says "Back".

Product ID	Product Name	Quantity	Price	Total Price
10	Eraser	5	10	50

—□×

☐ ID

☒ Price


10

☐ Quantity

Seach Item

Product ID	Product Name	Quantity	Price	Total Price		
13	...	Pencil	...	10	10	100
10	...	Eraser	...	5	10	50

Back

—□×

☐ ID

☐ Price

☒ Quantity

5

Seach Item

Product ID	Product Name	Quantity	Price	Total Price		
15	...	Book	...	5	100	500
10	...	Eraser	...	5	10	50

Back