

# HOTEL MANAGEMENT SYSTEM

BACKEND CODING USING CONCEPTS OF JAVA

## LOGIN

```
import javax.swing.JOptionPane;

/*
 * 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.
 */

/**
 *
 * @author Sugandhita
 */
public class login extends javax.swing.JFrame {

    /**
     * Creates new form login
     */
    public login() {
        initComponents();
        cusername.setVisible(false);
        cpassword.setVisible(false);
    }

    /**
     * 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() {

    jScrollPane1 = new javax.swing.JScrollPane();
    jTextArea1 = new javax.swing.JTextArea();
    jPanel1 = new javax.swing.JPanel();
    ausername = new javax.swing.JLabel();
    apassword = new javax.swing.JLabel();
    busername = new javax.swing.JTextField();
    bpassword = new javax.swing.JPasswordField();
    cusername = new javax.swing.JLabel();
    alogin = new javax.swing.JButton();
    aexit = new javax.swing.JButton();
    jPanel2 = new javax.swing.JPanel();
    jTextField1 = new javax.swing.JTextField();
    cusername1 = new javax.swing.JLabel();

    jTextArea1.setColumns(20);
    jTextArea1.setRows(5);
    jScrollPane1.setViewportView(jTextArea1);

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jPanel1.setBackground(new java.awt.Color(0, 255, 255));
    jPanel1.setBorder(javax.swing.BorderFactory.createEtchedBorder());

    ausername.setText("username:");

    apassword.setText("password:");

    busername.setText("SUGANDHITA ");
```

```
bpassword.setText("GGJN");
bpassword.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        bpasswordActionPerformed(evt);
    }
});

cusername.setText("*");

alogin.setBackground(new java.awt.Color(0, 51, 0));
alogin.setText("login");
alogin.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        aloginActionPerformed(evt);
    }
});

aexit.setBackground(new java.awt.Color(0, 51, 0));
aexit.setText("exit");

jPanel2.setBackground(new java.awt.Color(0, 102, 102));

jTextField1.setBackground(new java.awt.Color(0, 102, 102));
jTextField1.setFont(new java.awt.Font("Times New Roman", 1, 22)); // NOI18N
jTextField1.setText("AUTHENTICATE YOURSELF");
jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});

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

```

jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
            .addContainerGap(109, Short.MAX_VALUE)
            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(87, 87, 87))
    );
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );

cusername1.setText("");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(41, 41, 41)

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

```

```

        .addGroup(jPanel1Layout.createSequentialGroup())
            .addComponent(apassword, javax.swing.GroupLayout.PREFERRED_SIZE, 62,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(77, 77, 77)
            .addComponent(bpasword, javax.swing.GroupLayout.PREFERRED_SIZE, 158,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addComponent(auusername)
            .addGap(77, 77, 77)
            .addComponent(busername, javax.swing.GroupLayout.PREFERRED_SIZE, 158,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(28, 28, 28)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(cusername, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(cusername1, javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel1Layout.createSequentialGroup())
            .addGap(137, 137, 137)
            .addComponent(alogin, javax.swing.GroupLayout.PREFERRED_SIZE, 82,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(54, 54, 54)
            .addComponent(aexit, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
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())
                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(42, 42, 42)

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

```

```

        .addComponent(auusername, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(buusername, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(cuusername))

    .addGap(30, 30, 30)

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

    .addComponent(apassword, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(bppassword, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(cuusername1))

    .addGap(27, 27, 27)

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

    .addComponent(alogin)

    .addComponent(aexit))

    .addContainerGap(65, 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.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

);

layout.setVerticalGroup(

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

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

);

pack();

```

```
}// </editor-fold>
```

```
private void aloginActionPerformed(java.awt.event.ActionEvent evt) {  
int t=0;  
if(busername.getText().length()==0)  
    cusername.setVisible(false);  
else  
    cusername.setVisible(true);  
if(bpassword.getText().length()==0)  
    cpassword.setVisible(true);  
else  
    cpassword.setVisible(false);  
  
String u,p;  
u=busername.getText();  
p=String.valueOf(bpassword.getPassword()); //gettext=getpassword  
if(u.equals("hotel")&& p.equals("hotel"))  
{  
    this.hide();  
    menu f1=new menu();  
    f1.setSize(2000,1500);  
    f1.setVisible(true);  
}  
else{  
    JOptionPane.showMessageDialog(null,"Wrong Username/Password");  
    busername.setText("");  
    bpassword.setText("");  
    busername.requestFocus();  
}
```



```

    }

    private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void bpasswordActionPerformed(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(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 javax.swing.JButton aexit;
```

```
private javax.swing.JButton alogin;
```

```
private javax.swing.JLabel apassword;
```

```
private javax.swing.JLabel ausername;
```

```
private javax.swing.JPasswordField bpassword;
```

```
private javax.swing.JTextField busername;
```

```
private javax.swing.JLabel cusername;
```

```
private javax.swing.JLabel cusername1;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JPanel jPanel2;
```

```
private javax.swing.JScrollPane jScrollPane1;
```

```
private javax.swing.JTextArea jTextArea1;  
private javax.swing.JTextField jTextField1;  
// End of variables declaration  
}
```

## MENU

```
/*
 * 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.
 */

/**
 *
 * @author Sugandhita
 */
public class menu extends javax.swing.JFrame {

    /**
     * Creates new form menu
     */
    public menu() {
        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();
        jMenuItemBar1 = new javax.swing.JMenuBar();
        jMenuItem2 = new javax.swing.JMenuItem();
    }
}
```

```
jMenu3 = new javax.swing.JMenu();
jMenuItem1 = new javax.swing.JMenuItem();
jMenuItem3 = new javax.swing.JMenuItem();
Address1 = new javax.swing.JLabel();
apassword2 = new javax.swing.JLabel();
apassword1 = new javax.swing.JLabel();
jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();
jMenuBar2 = new javax.swing.JMenuBar();
jmenu = new javax.swing.JMenu();
jMenuItem2 = new javax.swing.JMenuItem();
jMenuItem4 = new javax.swing.JMenuItem();
jMenuItem5 = new javax.swing.JMenuItem();
jSeparator1 = new javax.swing.JPopupMenu.Separator();
jMenuItem6 = new javax.swing.JMenuItem();
jMenuItem7 = new javax.swing.JMenuItem();
jMenu5 = new javax.swing.JMenu();
jMenuItem8 = new javax.swing.JMenuItem();

jMenu1.setText("jMenu1");

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

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

jMenuItem1.setText("jMenuItem1");

jMenuItem3.setText("jMenuItem3");

Address1.setText("Address");
```

```
apassword2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/imgbin-hotel-icon-computer-icons-accommodation-hotel-9ntgqBzExNatgqPDDTaUHF2sD.jpg"))); // NOI18N
```

```
apassword2.setText("password:");
```

```
apassword1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images.png"))); // NOI18N
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jLabel2.setIcon(new javax.swing.ImageIcon("C:\\Users\\Sugandhita\\Desktop\\photo-1549294413-26f195200c16.jpg")); // NOI18N
```

```
jMenuBar2.setBackground(new java.awt.Color(0, 102, 102));
```

```
jmenu.setBackground(new java.awt.Color(255, 255, 0));
```

```
jmenu.setText("Customer");
```

```
jMenuItem2.setText("New Customer");
```

```
jMenuItem2.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jMenuItem2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jmenu.add(jMenuItem2);
```

```
jMenuItem4.setText("Edit Customer");
```

```
jMenuItem4.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        jMenuItem4ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jmenu.add(jMenuItem4);
```

```
jMenuItem5.setText("Delete Customer");
jMenuItem5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem5ActionPerformed(evt);
    }
});
jmenu.add(jMenuItem5);
jmenu.add(jSeparator1);
```

```
jMenuItem6.setText("Search Customers");
jMenuItem6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem6ActionPerformed(evt);
    }
});
jmenu.add(jMenuItem6);
```

```
jMenuItem7.setText(" List of Customers");
jMenuItem7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem7ActionPerformed(evt);
    }
});
jmenu.add(jMenuItem7);
```

```
jMenuBar2.add(jmenu);
```

```
jMenu5.setBackground(new java.awt.Color(255, 255, 153));
jMenu5.setText("Exit");
```

```
jMenuItem8.setText("exit");
```

```

jMenuItem8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem8ActionPerformed(evt);
    }
});
jMenu5.add(jMenuItem8);

jMenuBar2.add(jMenu5);

setJMenuBar(jMenuBar2);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel1)
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 672,
javax.swing.GroupLayout.PREFERRED_SIZE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 725,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 602,
javax.swing.GroupLayout.PREFERRED_SIZE))
);

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

private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {

```



```
modify f1= new modify();  
f1.setSize(2000,5000);  
f1.setVisible(true);  
// TODO add your handling code here:  
}
```

```
private void jMenuItem6ActionPerformed(java.awt.event.ActionEvent evt) {  
searchform f1=new searchform();  
f1.setSize(2000,5000);  
f1.setVisible(true);// TODO add your handling code here:  
}
```

```
private void jMenuItem5ActionPerformed(java.awt.event.ActionEvent evt) {  
deleteform f1=new deleteform();  
f1.setSize(2000,5000);  
f1.setVisible(true);// TODO add your handling code here:  
}
```

```
private void jMenuItem7ActionPerformed(java.awt.event.ActionEvent evt) {  
// TODO add your handling code here:  
}
```

```
private void jMenuItem8ActionPerformed(java.awt.event.ActionEvent evt) {  
System.exit(0); // TODO add your handling code here:  
}
```

```
private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {  
newcustomer f1=new newcustomer();  
f1.setSize(2000,5000);  
f1.setVisible(true);  
  
// 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(menu.class.getName()).log(java.util.logging.Level.SEVERE, null,
                ex);

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

```

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

```
    }
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JLabel Address1;
```

```
private javax.swing.JLabel apassword1;
```

```
private javax.swing.JLabel apassword2;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JMenu jMenu1;
```

```
private javax.swing.JMenu jMenu2;
```

```
private javax.swing.JMenu jMenu3;
```

```
private javax.swing.JMenu jMenu5;
```

```
private javax.swing.JMenuBar jMenuBar1;
```

```
private javax.swing.JMenuBar jMenuBar2;
```

```
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;
```

```
private javax.swing.JMenuItem jMenuItem7;
```

```
private javax.swing.JMenuItem jMenuItem8;  
private javax.swing.JPopupMenu.Separator jSeparator1;  
private javax.swing.JMenu jmenu;  
// End of variables declaration  
}
```

## NEW CUSTOMER

```
import java.awt.HeadlessException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

/*
 * 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.
 */

/**
 *
 * @author Sugandhita
 */
// CONNECTION
public class newcustomer extends javax.swing.JFrame {

    Connection conn=null;
    final void connection()
    {

        try {
            try {
                Class.forName("com.mysql.jdbc.Driver").newInstance();

            } catch (InstantiationException | IllegalAccessException ex) {
```

```

        Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
    }
} catch (ClassNotFoundException ex) {
    Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
}
try {
    conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");
} catch (SQLException ex) {
    Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
}
}

```

```

/**
 * {

 * Creates new form form1
 */
public newcustomer() {
    initComponents();
    connection();    //call connection
    a.setVisible(false);
    b.setVisible(false);
    c.setVisible(false);
    d.setVisible(false);
    e.setVisible(false);
    f.setVisible(false);
    g.setVisible(false);
}

```

```

h.setVisible(false);
i.setVisible(false);
j.setVisible(false);
}

/**
 * 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() {

    jPanel2 = new javax.swing.JPanel();
    jPanel3 = new javax.swing.JPanel();
    name1 = new javax.swing.JLabel();
    Address1 = new javax.swing.JLabel();
    phone1 = new javax.swing.JLabel();
    date1 = new javax.swing.JLabel();
    amount = new javax.swing.JLabel();
    idproof = new javax.swing.JLabel();
    roomno = new javax.swing.JLabel();
    Roomtype = new javax.swing.JLabel();
    date = new javax.swing.JLabel();
    id1 = new javax.swing.JLabel();
    idno1 = new javax.swing.JTextField();
    customer = new javax.swing.JLabel();
    name2 = new javax.swing.JTextField();
    phone2 = new javax.swing.JTextField();
    roomno1 = new javax.swing.JTextField();

```

```
amount1 = new javax.swing.JTextField();
a = new javax.swing.JLabel();
idproof1 = new javax.swing.JComboBox<>();
d1 = new javax.swing.JComboBox<>();
mm1 = new javax.swing.JComboBox<>();
dd1 = new javax.swing.JComboBox<>();
save = new javax.swing.JButton();
exit = new javax.swing.JButton();
dd2 = new javax.swing.JComboBox<>();
mm2 = new javax.swing.JComboBox<>();
d2 = new javax.swing.JComboBox<>();
ad = new javax.swing.JTextField();
j = new javax.swing.JLabel();
b = new javax.swing.JLabel();
c = new javax.swing.JLabel();
d = new javax.swing.JLabel();
e = new javax.swing.JLabel();
f = new javax.swing.JLabel();
g = new javax.swing.JLabel();
h = new javax.swing.JLabel();
i = new javax.swing.JLabel();
roomtype1 = new javax.swing.JComboBox<>();
jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel3.setBackground(new java.awt.Color(0, 153, 153));
jPanel3.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));
jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

name1.setText("Customer name");
jPanel3.add(name1, new org.netbeans.lib.awtextra.AbsoluteConstraints(59, 134, -1, -1));
```



```
Address1.setText("Address");
jPanel3.add(Address1, new org.netbeans.lib.awtextra.AbsoluteConstraints(104, 242, -1, -1));

phone1.setText("Phone no.");
jPanel3.add(phone1, new org.netbeans.lib.awtextra.AbsoluteConstraints(93, 186, -1, -1));

date1.setText("Date of Departure");
jPanel3.add(date1, new org.netbeans.lib.awtextra.AbsoluteConstraints(48, 523, -1, -1));

amount.setText("Total Amount");
jPanel3.add(amount, new org.netbeans.lib.awtextra.AbsoluteConstraints(73, 598, -1, -1));

idproof.setText("Id Proof");
jPanel3.add(idproof, new org.netbeans.lib.awtextra.AbsoluteConstraints(105, 297, -1, -1));

roomno.setText("Room no.");
jPanel3.add(roomno, new org.netbeans.lib.awtextra.AbsoluteConstraints(95, 349, -1, -1));

Roomtype.setText("Room Type");
jPanel3.add(Roomtype, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 399, -1, -1));

date.setText("Date of Arrival");
jPanel3.add(date, new org.netbeans.lib.awtextra.AbsoluteConstraints(68, 457, -1, -1));

id1.setText("Id No.");
jPanel3.add(id1, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 80, -1, -1));

idno1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        idno1ActionPerformed(evt);
    }
})
```

```

});

jPanel3.add(idno1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 74, 164, -1));

customer.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
customer.setText("Add New Customer");

jPanel3.add(customer, new org.netbeans.lib.awtextra.AbsoluteConstraints(242, 10, 250, 36));
jPanel3.add(name2, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 128, 164, -1));
jPanel3.add(phone2, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 183, 164, -1));
jPanel3.add(roomno1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 346, 164, -1));
jPanel3.add(amount1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 595, 164, -1));

a.setBackground(new java.awt.Color(255, 51, 204));
a.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
a.setText("Fill Id No.");
jPanel3.add(a, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 80, -1, -1));

idproof1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select",
"Adhaar card", "VoterId", "Pan Card", "Passport", " " }));

idproof1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        idproof1ActionPerformed(evt);
    }
});

jPanel3.add(idproof1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 294, 164, -1));

d1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "date", "1", "2", "3",
"4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",
"23", "24", "25", "26", "27", "28", "29", "30", "31" }));

jPanel3.add(d1, new org.netbeans.lib.awtextra.AbsoluteConstraints(408, 454, -1, -1));

mm1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "month", "1", "2",
"3", "4", "5", "6", "7", "8", "9", "10", "11", "12" }));

jPanel3.add(mm1, new org.netbeans.lib.awtextra.AbsoluteConstraints(327, 454, -1, -1));

```

```
dd1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "day", "monday",  
"tuesday", "wednesday", "thursday", "friday", "saturday", "sunday" }));
```

```
jPanel3.add(dd1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 454, 57, -1));
```

```
save.setText("save");
```

```
save.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        saveActionPerformed(evt);  
    }  
});
```

```
jPanel3.add(save, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 647, -1, -1));
```

```
exit.setText("exit");
```

```
exit.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        exitActionPerformed(evt);  
    }  
});
```

```
jPanel3.add(exit, new org.netbeans.lib.awtextra.AbsoluteConstraints(359, 647, 57, -1));
```

```
dd2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "day", "monday",  
"tuesday", "wednesday", "thursday", "friday", "saturday", "sunday" }));
```

```
jPanel3.add(dd2, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 517, 57, -1));
```

```
mm2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "month", "1", "2",  
"3", "4", "5", "6", "7", "8", "9", "10", "11", "12" }));
```

```
jPanel3.add(mm2, new org.netbeans.lib.awtextra.AbsoluteConstraints(329, 517, -1, -1));
```

```
d2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "date", "1", "2", "3",  
"4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",  
"23", "24", "25", "26", "27", "28", "29", "30", "31" }));
```

```
jPanel3.add(d2, new org.netbeans.lib.awtextra.AbsoluteConstraints(410, 517, -1, -1));
```

```
jPanel3.add(ad, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 239, 164, -1));
```

```
j.setText("Fill total amount");
jPanel3.add(j, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 600, -1, -1));

b.setText("Fill customer name");
jPanel3.add(b, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 130, -1, -1));

c.setText("Fill phone no.");
jPanel3.add(c, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 180, -1, -1));

d.setText("Fill address");
jPanel3.add(d, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 240, -1, -1));

e.setText("Fill idproof");
jPanel3.add(e, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 300, -1, -1));

f.setText("Fill room no.");
jPanel3.add(f, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 350, -1, -1));

g.setText("Fill room type");
jPanel3.add(g, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 410, -1, -1));

h.setText("Fill arrival date");
jPanel3.add(h, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 460, -1, -1));

i.setText("Fill depature date");
jPanel3.add(i, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 510, -1, -1));

roomtype1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select",
"Normal", "Business class", "Sweet" }));
jPanel3.add(roomtype1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 400, 160, -1));

jLabel1.setIcon(new javax.swing.ImageIcon("C:\\Users\\Sugandhita\\Desktop\\photo-
1444201983204-c43cbd584d93.jpg")); // NOI18N
```

```

jPanel3.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(-240, 60, 1050, 710));

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 1220, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, 720,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 500, Short.MAX_VALUE)))
    );
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 926, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 156, 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(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```
        .addComponent(jPanel2, javax.swing.GroupLayout.Alignment.TRAILING,  
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
        Short.MAX_VALUE)
```

```
    );
```

```
    pack();
```

```
}// </editor-fold>
```

```
private void idproof1ActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    // TODO add your handling code here:
```

```
}
```

```
private void idno1ActionPerformed(java.awt.event.ActionEvent evt) {
```

```
// TODO add your handling code here:
```

```
}
```

```
private void saveActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    try
```

```
{
```

```
    int t=0;
```

```
    if(idno1.getText().length()==0)
```

```
        a.setVisible(true);
```

```
    else
```

```
{ a.setVisible(false);
```

```
    t=1;
```

```
// TODO add your handling code here:
```

```
}
```

```
if(name2.getText().length()==0)
```

```
    b.setVisible(true);
```

```
else
```

```
{
```

```
    b.setVisible(false);
```

```
    t=1;
```

```
}
```

```
if(phone2.getText().length()==0)
```

```
    c.setVisible(true);
```

```
else
```

```
{
```

```
    c.setVisible(false);
```

```
    t=1;
```

```
}
```

```
if(ad.getText().length()==0)
```

```
    d.setVisible(true);
```

```
else
```

```
{
```

```
    d.setVisible(false);
```

```
    t=1;
```

```
}
```

```
if(idproof1.getSelectedIndex()==0)
```

```
    e.setVisible(true);
```

```
    else
    {
        e.setVisible(false);
        t=1;
    }
```

```
if(roomno1.getText().length()==0)
    f.setVisible(true);
else
{
    f.setVisible(false);
    t=1;
}
```

```
if(roomtype1.getSelectedIndex()==0)
    g.setVisible(true);
else
{
    g.setVisible(false);
    t=1;
}
```

```
if(dd1.getSelectedIndex()==0|| mm1.getSelectedIndex()==0||d1.getSelectedIndex()==0)
    h.setVisible(true);
else
{
    h.setVisible(false);
    t=1;
}
```

```
if(dd2.getSelectedIndex()==0|| mm2.getSelectedIndex()==0||d2.getSelectedIndex()==0)
```



```
        i.setVisible(true);
else
{
    i.setVisible(false);
    t=1;
}

if(amount1.getText().length()==0)
    j.setVisible(true);
else
{
    j.setVisible(false);
    t=1;
}

//code to enter values in blank spaces

int s=Integer.parseInt(idno1.getText());
String n=name2.getText();
String ph=phone2.getText();
String add=ad.getText();

String idp=String.valueOf(idproof1.getSelectedItem());

String room=roomno1.getText();

String roomt=String.valueOf(roomtype1.getSelectedItem());

String dd3=String.valueOf(dd1.getSelectedItem());
String mm3=String.valueOf(mm1.getSelectedItem());
String d3=String.valueOf(d1.getSelectedItem());
```

```
String dd4=String.valueOf(dd2.getSelectedItem());
String mm4=String.valueOf(mm2.getSelectedItem());
String d4=String.valueOf(d2.getSelectedItem());
```

```
String toa=amount1.getText();
//values entered in database
```

```
PreparedStatement stmt=conn.prepareStatement("insert into customer
values(?,?,?,?,?,?,?,?,?,?,?)");
```

```
//to put the values in ?
```

```
stmt.setInt(1,s);
stmt.setString(2,n);
stmt.setString(3,ph);
stmt.setString(4,add);
stmt.setString(5,idp);
stmt.setString(6,room);
stmt.setString(7,roomt);
stmt.setString(8,dd3);
stmt.setString(9,mm3);
stmt.setString(10,d3);
stmt.setString(11,dd4);
stmt.setString(12,mm4);
stmt.setString(13,d4);
stmt.setString(14,toa);
```

```
stmt.executeUpdate();
idno1.setText(""); //blank the text field of the idno.
name2.setText("");
phone2.setText("");
ad.setText("");
idproof1.setSelectedIndex(0);
roomno1.setText("");
```

```

roomtype1.setSelectedIndex(0);
//for combo box put initial value of index
dd1.setSelectedIndex(0);
mm1.setSelectedIndex(0);
d1.setSelectedIndex(0);
dd2.setSelectedIndex(0);
mm2.setSelectedIndex(0);
d2.setSelectedIndex(0);
amount1.setText("");

JOptionPane.showMessageDialog(null,"Record Saved");//to show dialog box

idno1.requestFocus();

}
catch (NumberFormatException | SQLException | HeadlessException ex)
{
    System.out.println("ERROR"+ex);

}

}

private void exitActionPerformed(java.awt.event.ActionEvent evt) {
this.hide();    // 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(newcustomer.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

    }
}

//</editor-fold>

//</editor-fold>

/* Create and display the form */

java.awt.EventQueue.invokeLater(() -> {

```

```
        new newcustomer().setVisible(true);
    });
}

// Variables declaration - do not modify
private javax.swing.JLabel Address1;
private javax.swing.JLabel Roomtype;
private javax.swing.JLabel a;
private javax.swing.JTextField ad;
private javax.swing.JLabel amount;
private javax.swing.JTextField amount1;
private javax.swing.JLabel b;
private javax.swing.JLabel c;
private javax.swing.JLabel customer;
private javax.swing.JLabel d;
private javax.swing.JComboBox<String> d1;
private javax.swing.JComboBox<String> d2;
private javax.swing.JLabel date;
private javax.swing.JLabel date1;
private javax.swing.JComboBox<String> dd1;
private javax.swing.JComboBox<String> dd2;
private javax.swing.JLabel e;
private javax.swing.JButton exit;
private javax.swing.JLabel f;
private javax.swing.JLabel g;
private javax.swing.JLabel h;
private javax.swing.JLabel i;
private javax.swing.JLabel id1;
private javax.swing.JTextField idno1;
private javax.swing.JLabel idproof;
private javax.swing.JComboBox<String> idproof1;
private javax.swing.JLabel j;
```

```
private javax.swing.JLabel jLabel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JComboBox<String> mm1;  
private javax.swing.JComboBox<String> mm2;  
private javax.swing.JLabel name1;  
private javax.swing.JTextField name2;  
private javax.swing.JLabel phone1;  
private javax.swing.JTextField phone2;  
private javax.swing.JLabel roomno;  
private javax.swing.JTextField roomno1;  
private javax.swing.JComboBox<String> roomtype1;  
private javax.swing.JButton save;  
// End of variables declaration
```

```
}
```

## MODIFY

```
import java.awt.HeadlessException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
```

```
/*
```

```
 * 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.
```

```
*/
```

```
/**
```

```
 *
```

```
 * @author Sugandhita
```

```
*/
```

```
public class modify extends javax.swing.JFrame {
```

```
    Connection conn=null;
```

```
    final void connection() {
```

```
        try {
```

```
            try {
```

```
                Class.forName("com.mysql.jdbc.Driver").newInstance();
```

```
            } catch (InstantiationException | IllegalAccessException ex) {
```

```

        Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
    }
} catch (ClassNotFoundException ex) {
    Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
}
try {
    conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");
} catch (SQLException ex) {
    Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
}
}

```

```
/**
```

```
 * Creates new form modify
```

```
 */
```

```
public modify() {
```

```
    initComponents();
```

```
    connection();
```

```
    a.setVisible(false);
```

```
}
```

```
/**
```

```
 * 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();
```

```
    jPanel2 = new javax.swing.JPanel();
```



```
name = new javax.swing.JLabel();
Address = new javax.swing.JLabel();
phone = new javax.swing.JLabel();
date1 = new javax.swing.JLabel();
amount = new javax.swing.JLabel();
idproof = new javax.swing.JLabel();
roomno = new javax.swing.JLabel();
Roomtype = new javax.swing.JLabel();
date = new javax.swing.JLabel();
id = new javax.swing.JLabel();
idno1 = new javax.swing.JTextField();
customer = new javax.swing.JLabel();
name2 = new javax.swing.JTextField();
phone2 = new javax.swing.JTextField();
roomno1 = new javax.swing.JTextField();
amount1 = new javax.swing.JTextField();
a = new javax.swing.JLabel();
idproof1 = new javax.swing.JComboBox<>();
d1 = new javax.swing.JComboBox<>();
mm1 = new javax.swing.JComboBox<>();
dd1 = new javax.swing.JComboBox<>();
search = new javax.swing.JButton();
exit = new javax.swing.JButton();
dd2 = new javax.swing.JComboBox<>();
mm2 = new javax.swing.JComboBox<>();
d2 = new javax.swing.JComboBox<>();
ad = new javax.swing.JTextField();
roomtype1 = new javax.swing.JComboBox<>();
b = new javax.swing.JLabel();
c = new javax.swing.JLabel();
d = new javax.swing.JLabel();
e = new javax.swing.JLabel();
```

```
f = new javax.swing.JLabel();
g = new javax.swing.JLabel();
h = new javax.swing.JLabel();
i = new javax.swing.JLabel();
j = new javax.swing.JLabel();
modify1 = new javax.swing.JButton();
jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel2.setBackground(new java.awt.Color(0, 153, 153));
jPanel2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));
jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

name.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
name.setText("Customer name");
jPanel2.add(name, new org.netbeans.lib.awtextra.AbsoluteConstraints(59, 134, -1, -1));

Address.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
Address.setText("Address");
jPanel2.add(Address, new org.netbeans.lib.awtextra.AbsoluteConstraints(104, 242, -1, -1));

phone.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
phone.setText("Phone no.");
jPanel2.add(phone, new org.netbeans.lib.awtextra.AbsoluteConstraints(93, 186, -1, -1));

date1.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
date1.setText("Date of Departure");
jPanel2.add(date1, new org.netbeans.lib.awtextra.AbsoluteConstraints(48, 523, -1, -1));

amount.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
amount.setText("Total Amount");
```

```
jPanel2.add(amount, new org.netbeans.lib.awtextra.AbsoluteConstraints(73, 598, -1, -1));

idproof.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
idproof.setText("Id Proof");
jPanel2.add(idproof, new org.netbeans.lib.awtextra.AbsoluteConstraints(105, 297, -1, -1));

roomno.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
roomno.setText("Room no.");
jPanel2.add(roomno, new org.netbeans.lib.awtextra.AbsoluteConstraints(95, 349, -1, -1));

Roomtype.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
Roomtype.setText("Room Type");
jPanel2.add(Roomtype, new org.netbeans.lib.awtextra.AbsoluteConstraints(85, 399, -1, -1));

date.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
date.setText("Date of Arrival");
jPanel2.add(date, new org.netbeans.lib.awtextra.AbsoluteConstraints(68, 457, -1, -1));

id.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
id.setText("Id No");
jPanel2.add(id, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 77, -1, -1));
jPanel2.add(idno1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 74, 164, -1));

customer.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
customer.setText("Modify Existing Customer");
jPanel2.add(customer, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 10, 290, 36));
jPanel2.add(name2, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 128, 164, -1));
jPanel2.add(phone2, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 183, 164, -1));

roomno1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        roomno1ActionPerformed(evt);
    }
});
```

```

    }
});

jPanel2.add(roomno1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 346, 164, -1));
jPanel2.add(amount1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 595, 164, -1));

a.setBackground(new java.awt.Color(255, 51, 204));
a.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
a.setText("Fill Id No.");
jPanel2.add(a, new org.netbeans.lib.awtextra.AbsoluteConstraints(482, 77, -1, -1));

idproof1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select",
"Adhaar card", "VoterId", "Pan Card", "Passport", " ", " " }));
jPanel2.add(idproof1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 294, 164, -1));

d1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "date", "1", "2", "3",
"4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",
"23", "24", "25", "26", "27", "28", "29", "30", "31" }));

d1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        d1ActionPerformed(evt);
    }
});

jPanel2.add(d1, new org.netbeans.lib.awtextra.AbsoluteConstraints(408, 454, -1, -1));

mm1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "month", "1", "2",
"3", "4", "5", "6", "7", "8", "9", "10", "11", "12" }));
jPanel2.add(mm1, new org.netbeans.lib.awtextra.AbsoluteConstraints(327, 454, -1, -1));

dd1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "day", "monday",
"tuesday", "wednesday", "thursday", "friday", "saturday", "sunday" }));
jPanel2.add(dd1, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 454, 57, -1));

search.setText("search");

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

```

```

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

    jPanel2.add(search, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 70, -1, -1));

    exit.setText("exit");
    exit.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            exitActionPerformed(evt);
        }
    });

    jPanel2.add(exit, new org.netbeans.lib.awtextra.AbsoluteConstraints(360, 650, 57, -1));

    dd2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "day", "monday",
    "tuesday", "wednesday", "thursday", "friday", "saturday", "sunday" }));

    jPanel2.add(dd2, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 517, 57, -1));

    mm2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "month", "1", "2",
    "3", "4", "5", "6", "7", "8", "9", "10", "11", "12" }));

    mm2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            mm2ActionPerformed(evt);
        }
    });

    jPanel2.add(mm2, new org.netbeans.lib.awtextra.AbsoluteConstraints(329, 517, -1, -1));

    d2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "date", "1", "2", "3",
    "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",
    "23", "24", "25", "26", "27", "28", "29", "30", "31" }));

    d2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            d2ActionPerformed(evt);
        }
    });

```

```
});  
jPanel2.add(d2, new org.netbeans.lib.awtextra.AbsoluteConstraints(410, 517, -1, -1));  
jPanel2.add(ad, new org.netbeans.lib.awtextra.AbsoluteConstraints(252, 239, 164, -1));  
  
roomtype1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select",  
"Normal", "Business class", "Sweet" }));  
jPanel2.add(roomtype1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 400, 160, -1));  
  
b.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N  
b.setText("Fill customer name");  
jPanel2.add(b, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 130, -1, -1));  
  
c.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N  
c.setText("Fill phone no.");  
jPanel2.add(c, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 180, -1, -1));  
  
d.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N  
d.setText("Fill address");  
jPanel2.add(d, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 240, -1, -1));  
  
e.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N  
e.setText("Fill idproof");  
jPanel2.add(e, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 300, -1, -1));  
  
f.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N  
f.setText("Fill room no.");  
jPanel2.add(f, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 350, -1, -1));  
  
g.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N  
g.setText("Fill room type");  
jPanel2.add(g, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 400, -1, -1));  
  
h.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
```

```

h.setText("Fill arrival date");

jPanel2.add(h, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 460, -1, -1));


i.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
i.setText("Fill departure date");
jPanel2.add(i, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 510, -1, -1));


j.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
j.setText("Fill total amount");
jPanel2.add(j, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 600, -1, -1));


modify1.setText("Modify");
modify1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        modify1ActionPerformed(evt);
    }
});
jPanel2.add(modify1, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 650, -1, -1));


jLabel1.setIcon(new javax.swing.ImageIcon("C:\\Users\\Sugandhita\\Desktop\\photo-1571663390466-8be505ac59aa.jpg")); // NOI18N
jPanel2.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 70, 980, 730));


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(0, 699, Short.MAX_VALUE)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, 699, javax.swing.GroupLayout.PREFERRED_SIZE)
                )
            )
        )
    );

```

```

        .addGap(0, 0, Short.MAX_VALUE)))

    );

    jPanel1Layout.setVerticalGroup(

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

        .addGap(0, 3250, Short.MAX_VALUE)

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

        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, 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()

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

            .addGap(0, 0, Short.MAX_VALUE))

        );

    layout.setVerticalGroup(

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

        .addGroup(layout.createSequentialGroup()

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

            .addGap(0, 0, Short.MAX_VALUE))

        );

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

private void roomno1ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

}

```



```
private void d1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void mm2ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void d2ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void searchActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    int t=0;  
    if(idno1.getText().length()==0)  
        a.setVisible(true);
```

```
    else {  
        a.setVisible(false);
```

```
    }
```

```
t=1;
```

```
try
```

```
{
```

```
    int s = Integer.parseInt(idno1.getText());
```

```
    String QueryString= "Select * from customer where idno1=" +s;
```

```
    Statement statement= conn.createStatement(); //link querystring with data base;
```

```

ResultSet rs= statement.executeQuery(QueryString); //values from database

//both statement and resultset are used to selecte statement to search

if(rs.next())

{
    name2.setText(rs.getString("name2"));          //data is taken from database to put in
form
    phone2.setText(rs.getString("phone2"));
    ad.setText(rs.getString("ad"));
    idproof1.setSelectedItem(rs.getString("idproof1"));
    roomno1.setText(rs.getString("roomno1"));

    roomtype1.setSelectedItem(rs.getString("roomtype1"));
    dd1.setSelectedItem(rs.getString("dd1"));
    mm1.setSelectedItem(rs.getString("mm1"));
    dd2.setSelectedItem(rs.getString("dd2"));

    mm2.setSelectedItem(rs.getString("mm2"));
    d1.setSelectedItem(rs.getString("d1"));
    d2.setSelectedItem(rs.getString("d2"));

    amount1.setText(rs.getString("amount1"));
}
else

{
    JOptionPane.showMessageDialog(null,"please fill the id no.");
    idno1.requestFocus();          }
    //idno1.setText("");
}

```

```

        catch(NumberFormatException | SQLException | HeadlessException ex)
        {
            System.out.println("error:"+ex);
        }

    }

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

    private void modifyActionPerformed(java.awt.event.ActionEvent evt) {
    try

{
    int t=0;
    if(idno1.getText().length()==0)
        a.setVisible(true);
    else
    { a.setVisible(false);

// TODO add your handling code here:
    }
    t=1;
    if(name2.getText().length()==0)
        b.setVisible(true);
    else
    {
        b.setVisible(false);

    }
}

```

```
t=1;
```

```
if(phone2.getText().length()==0)
```

```
    c.setVisible(true);
```

```
else
```

```
{
```

```
    c.setVisible(false);
```

```
}
```

```
t=1;
```

```
if(ad.getText().length()==0)
```

```
    d.setVisible(true);
```

```
else
```

```
{
```

```
    d.setVisible(false);
```

```
}
```

```
t=1;
```

```
if(idproof1.getSelectedIndex()==0)
```

```
    e.setVisible(true);
```

```
else
```

```
{
```

```
    e.setVisible(false);
```

```
}
```

```
t=1;
```

```
if(roomno1.getText().length()==0)
```

```
    f.setVisible(true);
```

```
else
{
    f.setVisible(false);

}
t=1;
if(roomtype1.getSelectedIndex()==0)
    g.setVisible(true);
else
{
    g.setVisible(false);

}
t=1;
if(dd1.getSelectedIndex()==0|| mm1.getSelectedIndex()==0||d1.getSelectedIndex()==0)
    h.setVisible(true);
else
{
    h.setVisible(false);

}
t=1;
if(dd2.getSelectedIndex()==0|| mm2.getSelectedIndex()==0||d2.getSelectedIndex()==0)
    i.setVisible(true);
else
{
    i.setVisible(false);

}
t=1;
if(amount1.getText().length()==0)
    j.setVisible(true);
```

```
else
```

```
{
```

```
    j.setVisible(false);
```

```
t=1;
```

```
}
```

```
int s=Integer.parseInt(idno1.getText()); //get the value of the id
```

```
String n = name2.getText();
```

```
String ph = phone2.getText();
```

```
String add = ad.getText();
```

```
String idp = String.valueOf(idproof1.getSelectedItem());
```

```
String room = roomno1.getText();
```

```
String roomt = String.valueOf(roomtype1.getSelectedItem());
```

```
String dd3 = String.valueOf(dd1.getSelectedItem());
```

```
String mm3 = String.valueOf(mm1.getSelectedItem());
```

```
String d3 = String.valueOf(d1.getSelectedItem());
```

```
String dd4 = String.valueOf(dd2.getSelectedItem());
```

```
String mm4 = String.valueOf(mm2.getSelectedItem());
```

```
String d4 = String.valueOf(d2.getSelectedItem());
```

```
String toa =amount1.getText();
```

```
PreparedStatement stmt=conn.prepareStatement("update customer set name2=?,  
phone2=?,ad=?,idproof1=?,roomno1=?,roomtype1=?,dd1=?,mm1=?,d1=?,dd2=?,mm2=?,d2=?,amoun  
t1=? where idno1=?");
```

```
//how to modify
```

```
stmt.setString(1,n);  
stmt.setString(2,ph);  
stmt.setString(3,add);  
stmt.setString(4,idp);  
stmt.setString(5,room);  
stmt.setString(6,roomt);  
stmt.setString(7,dd3);  
stmt.setString(8,mm3);  
stmt.setString(9,d3);  
stmt.setString(10,dd4);  
stmt.setString(11,mm4);  
stmt.setString(12,d4);  
stmt.setString(13,toa);  
stmt.setInt(14,s);  
stmt.executeUpdate();
```

```
idno1.setText("");  
name2.setText("");  
phone2.setText("");  
ad.setText("");  
idproof1.setSelectedIndex(0);  
roomno1.setText("");
```

```
roomtype1.setSelectedIndex(0);  
dd1.setSelectedIndex(0);  
mm1.setSelectedIndex(0);  
d1.setSelectedIndex(0);  
dd2.setSelectedIndex(0);  
mm2.setSelectedIndex(0);  
d2.setSelectedIndex(0);
```

```
amount1.setText("");
```

```

idno1.requestFocus();

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

}

catch(NumberFormatException | SQLException | HeadlessException ex){
    System.out.println("error"+ex);
}

// 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(modify.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
```

```
    } catch (InstantiationException ex) {
```

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

```
    } catch (IllegalAccessException ex) {
```

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

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

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

```
    }
```

```
//</editor-fold>
```

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(() -> {
```

```
    new modify().setVisible(true);
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JLabel Address;
```

```
private javax.swing.JLabel Roomtype;
```

```
private javax.swing.JLabel a;
```

```
private javax.swing.JTextField ad;
```

```
private javax.swing.JLabel amount;
```

```
private javax.swing.JTextField amount1;
```

```
private javax.swing.JLabel b;
```

```
private javax.swing.JLabel c;
```

```
private javax.swing.JLabel customer;
```

```
private javax.swing.JLabel d;
```

```
private javax.swing.JComboBox<String> d1;
private javax.swing.JComboBox<String> d2;
private javax.swing.JLabel date;
private javax.swing.JLabel date1;
private javax.swing.JComboBox<String> dd1;
private javax.swing.JComboBox<String> dd2;
private javax.swing.JLabel e;
private javax.swing.JButton exit;
private javax.swing.JLabel f;
private javax.swing.JLabel g;
private javax.swing.JLabel h;
private javax.swing.JLabel i;
private javax.swing.JLabel id;
private javax.swing.JTextField idno1;
private javax.swing.JLabel idproof;
private javax.swing.JComboBox<String> idproof1;
private javax.swing.JLabel j;
private javax.swing.JLabel jLabel1;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JComboBox<String> mm1;
private javax.swing.JComboBox<String> mm2;
private javax.swing.JButton modify1;
private javax.swing.JLabel name;
private javax.swing.JTextField name2;
private javax.swing.JLabel phone;
private javax.swing.JTextField phone2;
private javax.swing.JLabel roomno;
private javax.swing.JTextField roomno1;
private javax.swing.JComboBox<String> roomtype1;
private javax.swing.JButton search;
// End of variables declaration
```

## DELETE

```
import java.awt.HeadlessException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
```

```
/*
```

```
 * 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.
```

```
*/
```

```
/**
```

```
 *
```

```
 * @author Sugandhita
```

```
*/
```

```
public class deleteform extends javax.swing.JFrame {
```

```
    Connection conn=null;
```

```
    final void connection() {
```

```
        try {
```

```
            try {
```

```
                Class.forName("com.mysql.jdbc.Driver").newInstance();
```

```
            } catch (InstantiationException | IllegalAccessException ex) {
```

```
                Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
```

```

    }
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
    }
    try {
        conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");
    } catch (SQLException ex) {
        Logger.getLogger(newcustomer.class.getName()).log(Level.SEVERE, null, ex);
    }
}

/**
 * Creates new form deleteform
 */
public deleteform() {
    initComponents();
    connection();
    a.setVisible(false);

}

/**
 * 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() {

    jPanel3 = new javax.swing.JPanel();

```

```
name1 = new javax.swing.JLabel();
Address1 = new javax.swing.JLabel();
phone1 = new javax.swing.JLabel();
date1 = new javax.swing.JLabel();
amount = new javax.swing.JLabel();
idproof = new javax.swing.JLabel();
roomno = new javax.swing.JLabel();
Roomtype = new javax.swing.JLabel();
date = new javax.swing.JLabel();
id1 = new javax.swing.JLabel();
idno1 = new javax.swing.JTextField();
customer = new javax.swing.JLabel();
name2 = new javax.swing.JTextField();
phone2 = new javax.swing.JTextField();
roomno1 = new javax.swing.JTextField();
amount1 = new javax.swing.JTextField();
a = new javax.swing.JLabel();
idproof1 = new javax.swing.JComboBox<>();
d1 = new javax.swing.JComboBox<>();
mm1 = new javax.swing.JComboBox<>();
dd1 = new javax.swing.JComboBox<>();
bdelete = new javax.swing.JButton();
exit = new javax.swing.JButton();
dd2 = new javax.swing.JComboBox<>();
mm2 = new javax.swing.JComboBox<>();
d2 = new javax.swing.JComboBox<>();
ad = new javax.swing.JTextField();
s1 = new javax.swing.JButton();
roomtype1 = new javax.swing.JComboBox<>();
jLabel1 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jPanel3.setBackground(new java.awt.Color(0, 102, 102));
jPanel3.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));
jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

name1.setText("Customer name");
jPanel3.add(name1, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 160, -1, -1));

Address1.setText("Address");
jPanel3.add(Address1, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 260, -1, -1));

phone1.setText("Phone no.");
jPanel3.add(phone1, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 210, -1, -1));

date1.setText("Date of Departure");
jPanel3.add(date1, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 530, -1, -1));

amount.setText("Total Amount");
jPanel3.add(amount, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 590, -1, -1));

idproof.setText("Id Proof");
jPanel3.add(idproof, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 310, -1, -1));

roomno.setText("Room no.");
jPanel3.add(roomno, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 360, -1, -1));

Roomtype.setText("Room Type");
jPanel3.add(Roomtype, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 410, -1, -1));

date.setText("Date of Arrival");
jPanel3.add(date, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 470, -1, -1));
```

```

id1.setText("Id No.");

jPanel3.add(id1, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 100, -1, -1));


idno1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        idno1ActionPerformed(evt);
    }
});

jPanel3.add(idno1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 90, 164, -1));


customer.setFont(new java.awt.Font("Times New Roman", 1, 30)); // NOI18N
customer.setText("Delete Customer");

jPanel3.add(customer, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 20, 250, 36));
jPanel3.add(name2, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 150, 164, -1));
jPanel3.add(phone2, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 200, 164, -1));
jPanel3.add(roomno1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 360, 164, -1));
jPanel3.add(amount1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 590, 164, -1));


a.setBackground(new java.awt.Color(255, 51, 204));
a.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
a.setText("Fill Id No.");

jPanel3.add(a, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 90, -1, -1));


idproof1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select",
"Adhaar card", "VoterId", "Pan Card", "Passport" }));

jPanel3.add(idproof1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 300, 164, -1));


d1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "date", "1", "2", "3",
"4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",
"23", "24", "25", "26", "27", "28", "29", "30", "31" }));

jPanel3.add(d1, new org.netbeans.lib.awtextra.AbsoluteConstraints(410, 470, -1, -1));


mm1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "month", "1", "2",
"3", "4", "5", "6", "7", "8", "9", "10", "11", "12" }));

```

```

jPanel3.add(mm1, new org.netbeans.lib.awtextra.AbsoluteConstraints(330, 470, -1, -1));

dd1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "day", "monday",
"tuesday", "wednesday", "thursday", "friday", "saturday", "sunday" }));
jPanel3.add(dd1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 470, 57, -1));

bdelete.setText("Delete");
bdelete.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        bdeleteActionPerformed(evt);
    }
});
jPanel3.add(bdelete, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 680, -1, -1));

exit.setText("exit");
exit.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        exitActionPerformed(evt);
    }
});
jPanel3.add(exit, new org.netbeans.lib.awtextra.AbsoluteConstraints(370, 680, 57, -1));

dd2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "day", "monday",
"tuesday", "wednesday", "thursday", "friday", "saturday", "sunday" }));
jPanel3.add(dd2, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 520, 57, -1));

mm2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "month", "1", "2",
"3", "4", "5", "6", "7", "8", "9", "10", "11", "12" }));
jPanel3.add(mm2, new org.netbeans.lib.awtextra.AbsoluteConstraints(330, 520, -1, -1));

d2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "date", "1", "2", "3",
"4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",
"23", "24", "25", "26", "27", "28", "29", "30", "31" }));
jPanel3.add(d2, new org.netbeans.lib.awtextra.AbsoluteConstraints(410, 520, -1, -1));

```



```

jPanel3.add(ad, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 250, 164, -1));

s1.setText("Search");
s1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        s1ActionPerformed(evt);
    }
});
jPanel3.add(s1, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 30, -1, -1));

roomtype1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select",
"Normal", "Business class", "Sweet" }));
jPanel3.add(roomtype1, new org.netbeans.lib.awtextra.AbsoluteConstraints(250, 410, 160, -1));

jLabel1.setIcon(new javax.swing.ImageIcon("C:\\Users\\Sugandhita\\Desktop\\photo-
1494595567474-d3a3ce145911.jpg")); // NOI18N
jPanel3.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 90, 720, 690));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 719, Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, 719,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, Short.MAX_VALUE))
        );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 833, Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addGroup(layout.createSequentialGroup()

            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE, 833,
                javax.swing.GroupLayout.PREFERRED_SIZE)

            .addGap(0, 0, Short.MAX_VALUE)))

    );

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

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

private void s1ActionPerformed(java.awt.event.ActionEvent evt) {

    try
    {
        int r = Integer.parseInt(idno1.getText());

        String QueryString= "Select * from customer where idno1=" +r;

        Statement statement= conn.createStatement(); //link querystring with data base;

        ResultSet rs= statement.executeQuery(QueryString); //values from database

        //both statement and resultset are used to selecte statement to search

        if(rs.next())

        {

            //data is taken from database to put in form

            name2.setText(rs.getString("name2")); //data is taken from database to put in
form

```

```

        phone2.setText(rs.getString("phone2"));
        ad.setText(rs.getString("ad"));
        idproof1.setSelectedItem(rs.getString("idproof1"));
        roomno1.setText(rs.getString("roomno1"));

        roomtype1.setSelectedItem(rs.getString("roomtype1"));
        dd1.setSelectedItem(rs.getString("dd1"));
        mm1.setSelectedItem(rs.getString("mm1"));
        dd2.setSelectedItem(rs.getString("dd2"));

        mm2.setSelectedItem(rs.getString("mm2"));
        d1.setSelectedItem(rs.getString("d1"));
        d2.setSelectedItem(rs.getString("d2"));

        amount1.setText(rs.getString("amount1"));
        idno1.setText(rs.getString("idno1"));
    }
    else

    {
        JOptionPane.showMessageDialog(null,"please fill the id no.");
        idno1.requestFocus();    }
    // idno1.setText("");
}

catch(Exception ex)
{
    System.out.println("error:"+ex+ex);
}    // TODO add your handling code here:
}

```

```
private void bdeleteActionPerformed(java.awt.event.ActionEvent evt) {  
try{  
    int t=0;  
    if(idno1.getText().length()==0)  
        a.setVisible(true);  
  
    else {  
        a.setVisible(false);  
        t=1;  
    }  
  
    int y=Integer.parseInt(idno1.getText());  
JOptionPane.showMessageDialog(null,""+y);
```

```
PreparedStatement stmt = conn.prepareStatement("delete from customer where idno1=?");  
stmt.setInt(1,y);
```

```
stmt.executeUpdate();  
//idno1.setText("");  
name2.setText("");  
phone2.setText("");  
ad.setText("");  
idproof1.setSelectedIndex(0);  
roomtype1.setSelectedIndex(0);  
roomno1.setText("");  
dd1.setSelectedIndex(0);  
mm1.setSelectedIndex(0);  
d1.setSelectedIndex(0);  
dd2.setSelectedIndex(0);
```

```

        mm2.setSelectedIndex(0);

        d2.setSelectedIndex(0);

        amount1.setText("");

    idno1.requestFocus();

    JOptionPane.showMessageDialog(null,"Record deleted");
// TODO add your handling code here    } catch (SQLException ex) {
        }

    catch(NumberFormatException | SQLException | HeadlessException ex)
    {
        System.out.println("error"+ex);

    }

}

}

private void idno1ActionPerformed(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(deleteform.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

    }
}
//</editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(() -> {
    new deleteform().setVisible(true);
});
}

// Variables declaration - do not modify
private javax.swing.JLabel Address1;
private javax.swing.JLabel Roomtype;
private javax.swing.JLabel a;
private javax.swing.JTextField ad;

```

```
private javax.swing.JLabel amount;
private javax.swing.JTextField amount1;
private javax.swing.JButton bdelete;
private javax.swing.JLabel customer;
private javax.swing.JComboBox<String> d1;
private javax.swing.JComboBox<String> d2;
private javax.swing.JLabel date;
private javax.swing.JLabel date1;
private javax.swing.JComboBox<String> dd1;
private javax.swing.JComboBox<String> dd2;
private javax.swing.JButton exit;
private javax.swing.JLabel id1;
private javax.swing.JTextField idno1;
private javax.swing.JLabel idproof;
private javax.swing.JComboBox<String> idproof1;
private javax.swing.JLabel jLabel1;
private javax.swing.JPanel jPanel3;
private javax.swing.JComboBox<String> mm1;
private javax.swing.JComboBox<String> mm2;
private javax.swing.JLabel name1;
private javax.swing.JTextField name2;
private javax.swing.JLabel phone1;
private javax.swing.JTextField phone2;
private javax.swing.JLabel roomno;
private javax.swing.JTextField roomno1;
private javax.swing.JComboBox<String> roomtype1;
private javax.swing.JButton s1;
// End of variables declaration
}
```

## LIST OF CUTOMERS

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;  
import java.sql.Statement;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.JScrollPane;  
import javax.swing.JTable;
```

```
/*
```

- \* 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.



```

*/

/**
 *
 * @author Sugandhita
 */

public class listofcustomers extends javax.swing.JFrame {

    Connection conn=null;
    Statement stmt=null;
    ResultSet rs= null;
    private void create()
    {

        try {
            Class.forName("com.mysql.jdbc.Driver");
        } catch (ClassNotFoundException ex) {
            Logger.getLogger(listofcustomers.class.getName()).log(Level.SEVERE, null, ex);
        }
        try {
            conn=DriverManager.getConnection("jdbc:mysql://localhost/hotel","root","");

            stmt=conn.createStatement();
        } catch (Exception ex) {
            System.out.println("Error="+ex);
        }
    }

    final void showdata()
    {
        try
        {
            final String[] colHeads={"ID","Name of Customer","Phone no. ","Address","ID
proof","Roomno","Roomtype","Date of Arrival","Date of Departure","Amount"};

```

```

        final String[][]data =new String[100][12];

        String st="select * from customer";

        rs=stmt.executeQuery(st);

        int p=0;

        while(rs.next())

        {

            data[p][0]=String.valueOf(rs.getInt("idno1"));

            data[p][1]=rs.getString("name2");

            data[p][2]=rs.getString("phone2");

            data[p][3]=rs.getString("ad");

            data[p][4]=rs.getString("idproof1");

            data[p][5]=rs.getString("roomno1");

            data[p][6]=rs.getString("roomtype1");

            data[p][7]=rs.getString("dd1")+"-"+rs.getString("mm1")+"-"+rs.getString("d1");

            data[p][8]=rs.getString("dd2")+"-"+rs.getString("mm2")+"-"+rs.getString("d2");

            p++;

        }

        JTable t=new JTable(data,colHeads); //for showing fields in tabular form

        JScrollPane js=new JScrollPane(t); //for scrolling on screen

        js.setBounds(10,100,800,600);

        add(js);

    }

    catch(Exception ex)

    {}

}

/**
 * Creates new form listofcustomers

```

```

    */

    public listofcustomers() {

initComponents();

        create();
        showdata();
    }

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

    jLabel1 = new javax.swing.JLabel();
    EXIT = new javax.swing.JButton();
    jLabel2 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel1.setBackground(new java.awt.Color(0, 102, 102));
    jLabel1.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
    jLabel1.setText("LIST OF CUSTOMERS");

    EXIT.setText("EXIT");
    EXIT.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            EXITActionPerformed(evt);

```

```
}  
});
```

```
jLabel2.setIcon(new javax.swing.ImageIcon("C:\\Users\\Sugandhita\\Desktop\\photo-  
1559741033-d85618ce7e8c (1).jpg")); // NOI18N
```

```
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
getContentPane().setLayout(layout);  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  
            .addGap(191, Short.MAX_VALUE)  
            .addComponent(jLabel1)  
            .addGap(99, 99, 99)  
            .addComponent(EXIT)  
            .addGap(38, 38, 38)  
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 0,  
Short.MAX_VALUE)  
        );  
layout.setVerticalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(layout.createSequentialGroup()  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 79,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
                .addGroup(layout.createSequentialGroup()  
                    .addGap(26, 26, 26)  
                    .addComponent(EXIT))  
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 1105,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(103, Short.MAX_VALUE)  
        );
```

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

```
private void EXITActionPerformed(java.awt.event.ActionEvent evt) {  
this.hide();    // 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(listofcustomers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (InstantiationException ex) {
```

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

```
    } catch (IllegalAccessException ex) {
```

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

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

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

```
    }
```

```
//</editor-fold>
```

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(() -> {
```

```
    new listofcustomers().setVisible(true);
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton EXIT;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
// End of variables declaration
```

```
}
```