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Alangilan Campus

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College of Engineering – Department of Electrical Engineering

CpE 406 – Object Oriented Programming
FINAL EXAMINATION
2nd Semester A.Y 2022-2023

Course Code	CpE 406
Course Title	OBJECT ORIENTED PROGRAMMING
Section	CpE 2203
Date	May 15, 2023
Time	3:30 – 5:00 / 5:00 – 6:30

SR-Code	21-01853
Name of Student	Robles, Lorelei T.



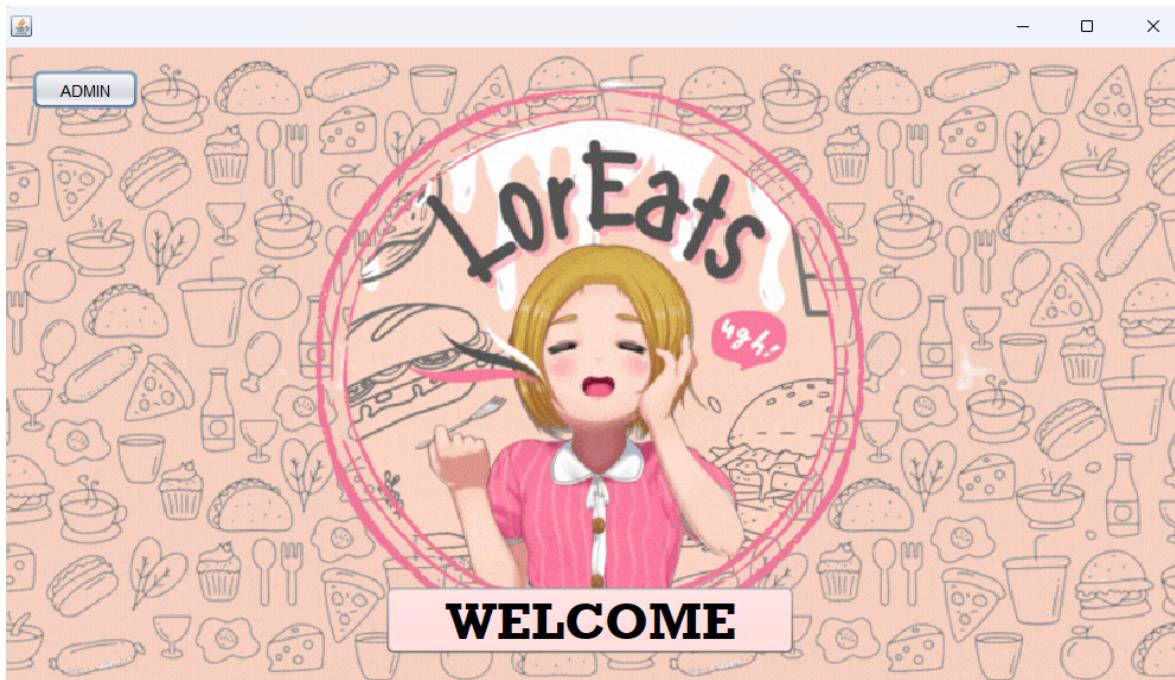
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SCREEN SHOTS



ID	ITEM	PRICES	QUANTITY
1	Board Slide	179	99
2	Baracha	159	99
3	Keto	159	99
4	Fakie Sandwich	209	99
5	Chick & Burger	220	99
6	Chicken Sand...	169	99
7	Bacon & Egg	79	99
8	Ham & Egg	79	99
9	Spam & Egg	89	99
10	Bacon	25	99
11	Cheese	20	99
12	Egg	20	99
13	Ham	25	99
14	Spam	30	99
15	BBQ Sauce	30	99
16	First Fries	79	99
17	Grand Fries	119	99
18	Grand Fries	119	99



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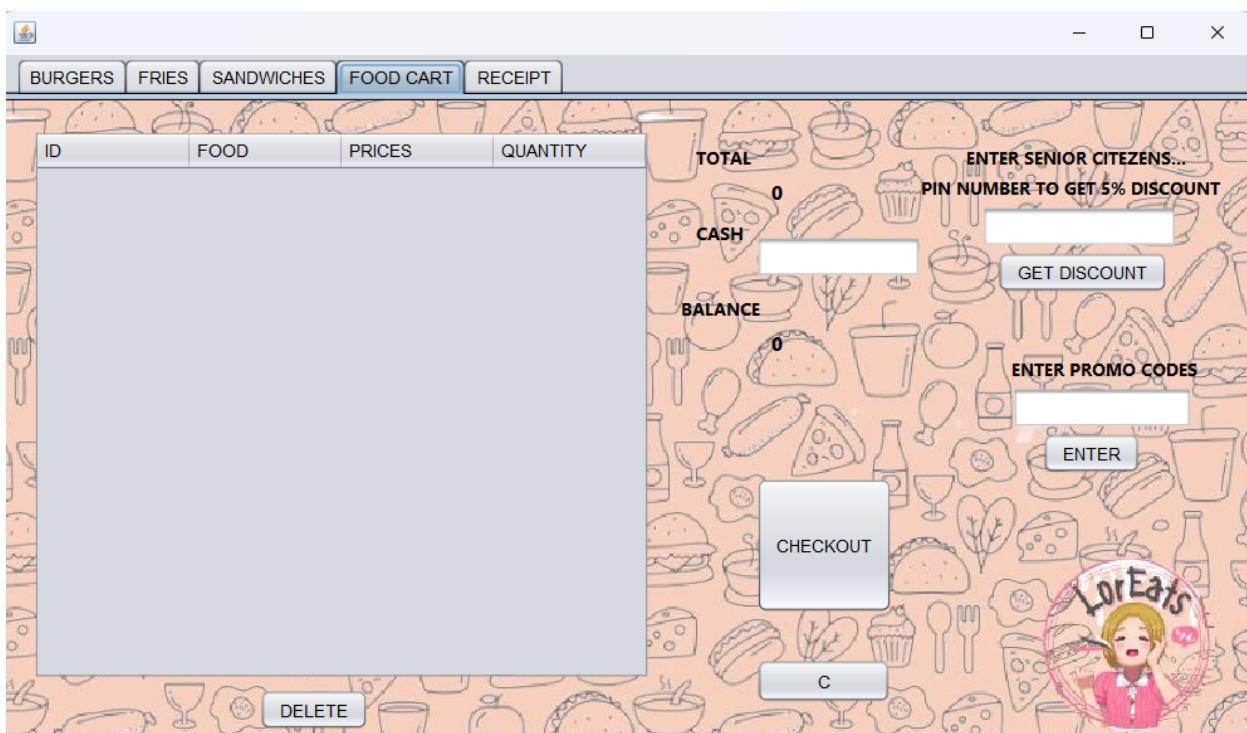
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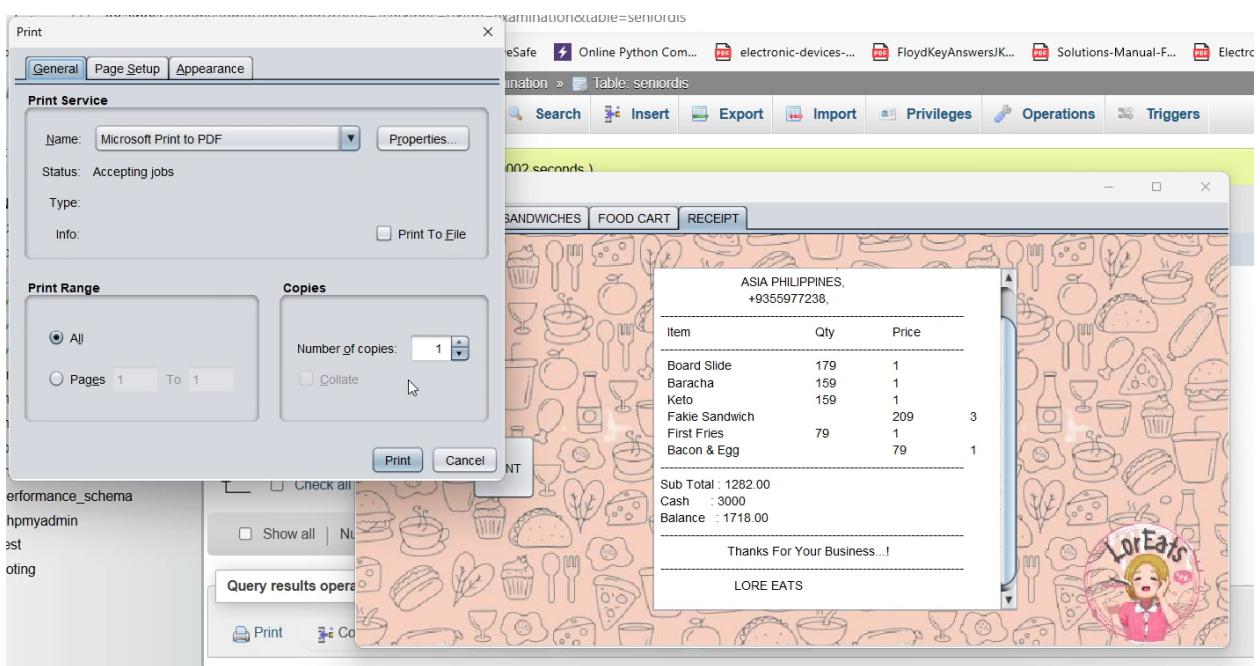
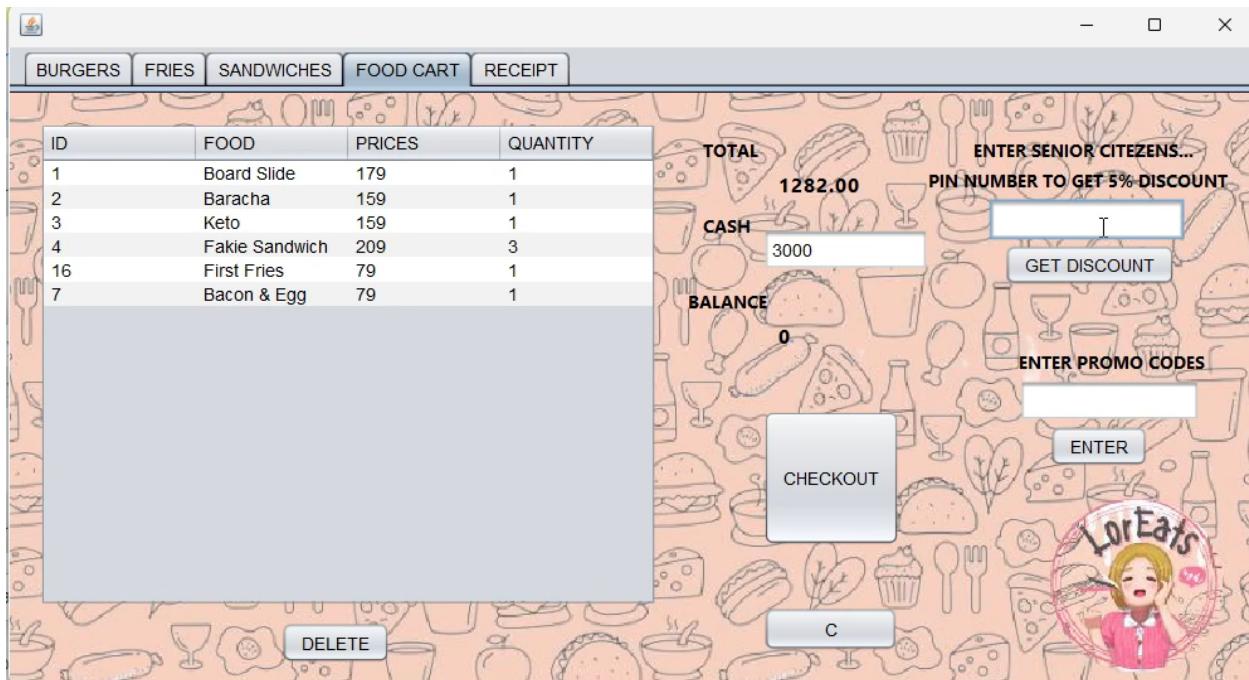
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DATA BASE

phpMyAdmin

Server: 127.0.0.1 » Database: examination » Table: seniordis

Browse **Structure** **SQL** **Search** **Ins**

Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

```
SELECT * FROM `seniordis`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [F]

Show all | Number of rows: 25 Filter rows: Search

Extra options

ID	Password
1	1234567898
2	987654321

phpMyAdmin

Server: 127.0.0.1 » Database: examination » Table: vau

Browse **Structure** **SQL** **Search** **Ins**

Showing rows 0 - 1 (2 total, Query took 0.0024 seconds.)

```
SELECT * FROM `vau`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code]

Show all | Number of rows: 25 Filter rows: Search

Extra options

ID	Code
1	jejemon3
2	m4h3l



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The screenshot shows a MySQL database interface with a sidebar containing a tree view of databases and tables. The 'stocks' table is selected in the 'information_schema' database. To the right is a grid-based table viewer titled 'Extra options'.

ID	Item	Prices	Quantity
1	Board Slide	179	99
2	Baracha	159	99
3	Keto	159	99
4	Fakie Sandwich	209	99
5	Chick & Burger	220	99
6	Chicken Sandwich	169	99
7	Bacon & Egg	79	99
8	Ham & Egg	79	99
9	Spam & Egg	89	99
10	Bacon	25	99
11	Cheese	20	99
12	Egg	20	99
13	Ham	25	99
14	Spam	30	99
15	BBQ Sauce	30	99
16	First Fries	79	99
17	Grand Fries	119	99
18	Grand Fries	119	99

CODE

exam1.java
package exam;

```
/**  
*  
* @author Lorelei  
*/
```



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public class exam1 extends javax.swing.JFrame {

```
/*
 * Creates new form exam1
 */
public exam1() {
    initComponents();
}

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

    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jButton1.setBackground(new java.awt.Color(255, 204, 204));
    jButton1.setFont(new java.awt.Font("Rockwell", 1, 36)); // NOI18N
    jButton1.setText("WELCOME");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });
    getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(270, 290, 50));

    jButton2.setText("ADMIN");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
```



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```
public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton2ActionPerformed(evt);
}
});
getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(22, 16,
75, -1));

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/exam/1m.gif")));
// NOI18N
getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
830, 450));

setSize(new java.awt.Dimension(850, 493));
 setLocationRelativeTo(null);
}// </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    exam2 w2= new exam2();
    w2.setVisible(true);
    this.setVisible(false);
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    exam3 w3= new exam3();
    w3.setVisible(true);
    this.setVisible(false);
}

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



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```
/*
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(exam1.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(exam1.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(exam1.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(exam1.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 exam1().setVisible(true);
    }
});

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
```



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```
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
// End of variables declaration
}
```

exam2.java

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
 */
package exam;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.text.DecimalFormat;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import javax.swing.text.AbstractDocument;
import javax.swing.text.AttributeSet;
import javax.swing.text.BadLocationException;
import javax.swing.text.DocumentFilter;

/**
 *
 * @author Lorelei
 */
public class exam2 extends javax.swing.JFrame {
private static final String DB_URL = "jdbc:mysql://localhost:3306/examination";
```



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```
private static final String DB_USERNAME = "root";  
private static final String DB_PASSWORD = "";
```

```
Connection con;  
PreparedStatement pst;  
ResultSet rs;  
// Establish the database connection
```

```
public exam2() {  
    initComponents();  
    Connect();  
}
```

```
public static Connection Connect(){  
Connection con = null;  
  
try {  
  
    con = DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
    System.out.println("Error connecting to database: " + ex.getMessage());
}
return con;
}
```

```
public void addtables(int id ,String Name,int Qty ,Double Price){
```

```
DefaultTableModel dt = (DefaultTableModel) foodcartT.getModel();
```



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```
DecimalFormat df = new DecimalFormat("00.00");
double totPrice = Price * Double.valueOf(Qty);

String TotalPrice = df.format(totPrice);

// product allready add chk

for (int row = 0; row < foodcartT.getRowCount(); row++) {

    if (Name == foodcartT.getValueAt(row, 1)) {
        dt.removeRow(foodcartT.convertRowIndexToModel(row));

    }
}
Vector v = new Vector();

v.add(id);
v.add(Name);
v.add(Qty);
v.add(TotalPrice); // total price

dt.addRow(v);

}

public void cal(){
    //cal total table values

    int numRow = foodcartT.getRowCount();
    double tot = 0.0;

    for (int i = 0; i < numRow; i++) {

        double priceV = Double.parseDouble(foodcartT.getValueAt(i, 2).toString());
        double quantV = Double.parseDouble(foodcartT.getValueAt(i, 3).toString());
    }
}
```



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tot += priceV*quantV ;

}

```
DecimalFormat df = new DecimalFormat("00.00") ;
total.setText(df.format(tot));
```

}

```
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jTabbedPane1 = new javax.swing.JTabbedPane();
    jPanel2 = new javax.swing.JPanel();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jButton5 = new javax.swing.JButton();
    jButton10 = new javax.swing.JButton();
    jButton11 = new javax.swing.JButton();
    jButton12 = new javax.swing.JButton();
    jButton13 = new javax.swing.JButton();
    jButton14 = new javax.swing.JButton();
    jButton15 = new javax.swing.JButton();
    q1 = new javax.swing.JLabel();
    q2 = new javax.swing.JLabel();
    q3 = new javax.swing.JLabel();
    q4 = new javax.swing.JLabel();
    q5 = new javax.swing.JLabel();
    q10 = new javax.swing.JLabel();
    q11 = new javax.swing.JLabel();
    q12 = new javax.swing.JLabel();
```



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```
q13 = new javax.swing.JLabel();
q14 = new javax.swing.JLabel();
q15 = new javax.swing.JLabel();
jButton22 = new javax.swing.JButton();
jButton23 = new javax.swing.JButton();
jButton24 = new javax.swing.JButton();
jButton25 = new javax.swing.JButton();
jButton26 = new javax.swing.JButton();
jButton27 = new javax.swing.JButton();
jButton28 = new javax.swing.JButton();
jButton29 = new javax.swing.JButton();
jButton30 = new javax.swing.JButton();
jButton31 = new javax.swing.JButton();
jButton32 = new javax.swing.JButton();
jLabel4 = new javax.swing.JLabel();
jPanel4 = new javax.swing.JPanel();
jButton16 = new javax.swing.JButton();
jButton17 = new javax.swing.JButton();
q16 = new javax.swing.JLabel();
q17 = new javax.swing.JLabel();
jButton38 = new javax.swing.JButton();
jButton39 = new javax.swing.JButton();
jLabel10 = new javax.swing.JLabel();
jPanel5 = new javax.swing.JPanel();
jButton6 = new javax.swing.JButton();
jButton7 = new javax.swing.JButton();
jButton8 = new javax.swing.JButton();
jButton9 = new javax.swing.JButton();
q6 = new javax.swing.JLabel();
q7 = new javax.swing.JLabel();
q8 = new javax.swing.JLabel();
q9 = new javax.swing.JLabel();
jButton33 = new javax.swing.JButton();
jButton35 = new javax.swing.JButton();
jButton36 = new javax.swing.JButton();
jButton37 = new javax.swing.JButton();
jLabel11 = new javax.swing.JLabel();
codes = new javax.swing.JPanel();
```



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```
jScrollPane1 = new javax.swing.JScrollPane();
foodcartT = new javax.swing.JTable();
jButton18 = new javax.swing.JButton();
jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
total = new javax.swing.JLabel();
bal = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
dis = new javax.swing.JButton();
jButton20 = new javax.swing.JButton();
pay = new javax.swing.JTextField();
jLabel5 = new javax.swing.JLabel();
promotxt = new javax.swing.JTextField();
jButton21 = new javax.swing.JButton();
jButton19 = new javax.swing.JButton();
distxt = new javax.swing.JPasswordField();
jLabel6 = new javax.swing.JLabel();
jPanel3 = new javax.swing.JPanel();
jButton34 = new javax.swing.JButton();
jScrollPane2 = new javax.swing.JScrollPane();
b = new javax.swing.JTextArea();
jLabel9 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jButton1.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N
jButton1.setText("ADD");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
})
```



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```
});  
jPanel2.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 250, 50, -1));  
  
jButton2.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
jButton2.setText("ADD");  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});  
jPanel2.add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 250, 60,  
-1));  
  
jButton3.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
jButton3.setText("ADD");  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton3ActionPerformed(evt);  
    }  
});  
jPanel2.add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(330, 250, 60,  
-1));  
  
jButton4.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
jButton4.setText("ADD");  
jButton4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton4ActionPerformed(evt);  
    }  
});  
jPanel2.add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 250, 60,  
-1));  
  
jButton5.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
jButton5.setText("ADD");  
jButton5.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton5ActionPerformed(evt);  
    }  
});
```



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```
        }  
    });  
    jPanel2.add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 250, 50,  
-1));  
  
    jButton10.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton10.setText("ADD");  
    jButton10.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton10ActionPerformed(evt);  
        }  
    });  
    jPanel2.add(jButton10, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 390, 60,  
-1));  
  
    jButton11.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton11.setText("ADD");  
    jButton11.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton11ActionPerformed(evt);  
        }  
    });  
    jPanel2.add(jButton11, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 390, 60,  
-1));  
  
    jButton12.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton12.setText("ADD");  
    jButton12.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton12ActionPerformed(evt);  
        }  
    });  
    jPanel2.add(jButton12, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 390, 50,  
-1));  
  
    jButton13.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton13.setText("ADD");  
    jButton13.addActionListener(new java.awt.event.ActionListener() {
```



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```
public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton13ActionPerformed(evt);
}
});
jPanel2.add(jButton13, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 390, 60,
-1));

jButton14.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N
jButton14.setText("ADD");
jButton14.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton14ActionPerformed(evt);
    }
});
jPanel2.add(jButton14, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 390, 50,
-1));

jButton15.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N
jButton15.setText("ADD");
jButton15.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton15ActionPerformed(evt);
    }
});
jPanel2.add(jButton15, new org.netbeans.lib.awtextra.AbsoluteConstraints(700, 390, 50,
-1));

q1.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q1.setText("0");
jPanel2.add(q1, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 230, 37, -1));

q2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q2.setText("0");
jPanel2.add(q2, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 230, 37, -1));

q3.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q3.setText("0");
jPanel2.add(q3, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 230, 37, -1));
```



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```
q4.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q4.setText("0");
jPanel2.add(q4, new org.netbeans.lib.awtextra.AbsoluteConstraints(560, 230, 10, -1));

q5.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q5.setText("0");
jPanel2.add(q5, new org.netbeans.lib.awtextra.AbsoluteConstraints(730, 230, 10, -1));

q10.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q10.setText("0");
jPanel2.add(q10, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 360, -1, -1));

q11.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q11.setText("0");
jPanel2.add(q11, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 360, -1, -1));

q12.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q12.setText("0");
jPanel2.add(q12, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 360, -1, -1));

q13.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q13.setText("0");
jPanel2.add(q13, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 360, -1, -1));

q14.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q14.setText("0");
jPanel2.add(q14, new org.netbeans.lib.awtextra.AbsoluteConstraints(560, 360, -1, -1));

q15.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q15.setText("0");
jPanel2.add(q15, new org.netbeans.lib.awtextra.AbsoluteConstraints(690, 350, -1, -1));

jButton22.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N
jButton22.setText("MINUS");
jButton22.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton22ActionPerformed(evt);
    }
});
```



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```
        }  
    });  
    jPanel2.add(jButton22, new org.netbeans.lib.awtextra.AbsoluteConstraints(760, 390, 60,  
-1));  
  
    jButton23.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton23.setText("MINUS");  
    jButton23.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton23ActionPerformed(evt);  
        }  
    });  
    jPanel2.add(jButton23, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 390, 70,  
20));  
  
    jButton24.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton24.setText("MINUS");  
    jButton24.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton24ActionPerformed(evt);  
        }  
    });  
    jPanel2.add(jButton24, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 390, 60,  
-1));  
  
    jButton25.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton25.setText("MINUS");  
    jButton25.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton25ActionPerformed(evt);  
        }  
    });  
    jPanel2.add(jButton25, new org.netbeans.lib.awtextra.AbsoluteConstraints(360, 390, 60,  
-1));  
  
    jButton26.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
    jButton26.setText("MINUS");  
    jButton26.addActionListener(new java.awt.event.ActionListener() {
```



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```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    jButton26ActionPerformed(evt);  
}  
});  
jPanel2.add(jButton26, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 390, 60,  
-1));  
  
jButton27.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
jButton27.setText("MINUS");  
jButton27.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton27ActionPerformed(evt);  
    }  
});  
jPanel2.add(jButton27, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 250, 60,  
-1));  
  
jButton28.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
jButton28.setText("MINUS");  
jButton28.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton28ActionPerformed(evt);  
    }  
});  
jPanel2.add(jButton28, new org.netbeans.lib.awtextra.AbsoluteConstraints(230, 250, 60,  
-1));  
  
jButton29.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N  
jButton29.setText("MINUS");  
jButton29.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton29ActionPerformed(evt);  
    }  
});  
jPanel2.add(jButton29, new org.netbeans.lib.awtextra.AbsoluteConstraints(400, 250, 60,  
-1));  
  
jButton30.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N
```



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```
jButton30.setText("MINUS");
jButton30.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton30ActionPerformed(evt);
    }
});
jPanel2.add(jButton30, new org.netbeans.lib.awtextra.AbsoluteConstraints(742, 250, 60,
-1));

jButton31.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N
jButton31.setText("MINUS");
jButton31.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton31ActionPerformed(evt);
    }
});
jPanel2.add(jButton31, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 250, 60,
-1));

jButton32.setFont(new java.awt.Font("Segoe UI", 0, 8)); // NOI18N
jButton32.setText("MINUS");
jButton32.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton32ActionPerformed(evt);
    }
});
jPanel2.add(jButton32, new org.netbeans.lib.awtextra.AbsoluteConstraints(620, 390, 60,
-1));

jLabel4.setIcon(new javax.swing.ImageIcon("C:\\\\Users\\\\Lorelei\\\\Downloads\\\\1D.gif")); // NOI18N
jPanel2.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, -30, 840, 470));

jTabbedPane1.addTab("BURGERS", jPanel2);

jPanel4.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jButton16.setText("ADD");
```



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```
jButton16.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton16ActionPerformed(evt);
    }
});
jPanel4.add(jButton16, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 340, -1,
-1));

jButton17.setText("ADD");
jButton17.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton17ActionPerformed(evt);
    }
});
jPanel4.add(jButton17, new org.netbeans.lib.awtextra.AbsoluteConstraints(470, 350, -1,
-1));

q16.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q16.setText("0");
jPanel4.add(q16, new org.netbeans.lib.awtextra.AbsoluteConstraints(260, 340, -1, -1));

q17.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
q17.setText("0");
jPanel4.add(q17, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 350, -1, -1));

jButton38.setText("MINUS");
jButton38.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton38ActionPerformed(evt);
    }
});
jPanel4.add(jButton38, new org.netbeans.lib.awtextra.AbsoluteConstraints(310, 340, -1,
-1));

jButton39.setText("MINUS");
jButton39.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton39ActionPerformed(evt);
    }
});
```



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```
        }  
    });  
    jPanel4.add(jButton39, new org.netbeans.lib.awtextra.AbsoluteConstraints(610, 350, -1,  
-1));  
  
    jLabel10.setIcon(new javax.swing.ImageIcon("C:\\Users\\Lorelei\\Downloads\\1A.gif")); //  
NOI18N  
    jPanel4.add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, -30, 830,  
450));  
  
    jTabbedPane1.addTab("FRIES", jPanel4);  
  
    jPanel5.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
  
    jButton6.setText("ADD");  
    jButton6.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton6ActionPerformed(evt);  
        }  
    });  
    jPanel5.add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 300, 75, -1));  
  
    jButton7.setText("ADD");  
    jButton7.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton7ActionPerformed(evt);  
        }  
    });  
    jPanel5.add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 300, 75,  
-1));  
  
    jButton8.setText("ADD");  
    jButton8.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton8ActionPerformed(evt);  
        }  
    });  
    jPanel5.add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 300, 75,
```



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-1));

```
jButton9.setText("ADD");
jButton9.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton9ActionPerformed(evt);
    }
});
jPanel5.add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(630, 300, 75,
-1));

q6.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
q6.setText("0");
jPanel5.add(q6, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 280, 37, -1));

q7.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
q7.setText("0");
jPanel5.add(q7, new org.netbeans.lib.awtextra.AbsoluteConstraints(290, 280, 37, -1));

q8.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
q8.setText("0");
jPanel5.add(q8, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 280, 37, -1));

q9.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
q9.setText("0");
jPanel5.add(q9, new org.netbeans.lib.awtextra.AbsoluteConstraints(700, 280, 37, -1));

jButton33.setText("MINUS");
jButton33.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton33ActionPerformed(evt);
    }
});
jPanel5.add(jButton33, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 300, -1,
-1));

jButton35.setText("MINUS");
jButton35.addActionListener(new java.awt.event.ActionListener() {
```



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```
public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton35ActionPerformed(evt);
}
});
jPanel5.add(jButton35, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 300, -1,
-1));

jButton36.setText("MINUS");
jButton36.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton36ActionPerformed(evt);
    }
});
jPanel5.add(jButton36, new org.netbeans.lib.awtextra.AbsoluteConstraints(510, 300, -1,
-1));

jButton37.setText("MINUS");
jButton37.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton37ActionPerformed(evt);
    }
});
jPanel5.add(jButton37, new org.netbeans.lib.awtextra.AbsoluteConstraints(710, 300, -1,
-1));

jLabel11.setIcon(new javax.swing.ImageIcon("C:\\Users\\Lorelei\\Downloads\\1B.gif"));
// NOI18N
jPanel5.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, -30, 830,
450));

jTabbedPane1.addTab("SANDWICHES", jPanel5);

codes.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

foodcartT.setModel(new javax.swing.table.DefaultTableModel(
new Object [][] {
},
```



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```
new String [] {  
    "ID", "FOOD", "PRICES", "QUANTITY"  
}  
){  
    boolean[] canEdit = new boolean [] {  
        false, false, false, false  
    };  
  
    public boolean isCellEditable(int rowIndex, int columnIndex) {  
        return canEdit [columnIndex];  
    }  
};  
foodcartT.getTableHeader().setReorderingAllowed(false);  
jScrollPane1.setViewportView(foodcartT);  
if (foodcartT getColumnModel().getColumnCount() > 0) {  
    foodcartT getColumnModel().getColumn(0).setResizable(false);  
    foodcartT getColumnModel().getColumn(1).setResizable(false);  
    foodcartT getColumnModel().getColumn(2).setResizable(false);  
    foodcartT getColumnModel().getColumn(3).setResizable(false);  
}  
  
codes.add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 20, 410,  
320));  
  
jButton18.setText("DELETE");  
jButton18.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton18ActionPerformed(evt);  
    }  
});  
codes.add(jButton18, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 350, -1, -1));  
  
jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N  
jLabel1.setText("TOTAL");  
codes.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 30, -1, -1));  
  
jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N  
jLabel2.setText("CASH");
```



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```
codes.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 80, -1, -1));

jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel3.setText("BALANCE");
codes.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(450, 130, -1, -1));

total.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
total.setText("0");
codes.add(total, new org.netbeans.lib.awtextra.AbsoluteConstraints(510, 50, -1, -1));

bal.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
bal.setText("0");
codes.add(bal, new org.netbeans.lib.awtextra.AbsoluteConstraints(510, 150, -1, -1));

jLabel7.setBackground(new java.awt.Color(255, 255, 255));
jLabel7.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel7.setText("ENTER SENIOR CITEZENSHIP ");
codes.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(640, 30, 150, -1));

jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel8.setText("PIN NUMBER TO GET 5% DISCOUNT");
codes.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(610, 50, -1, -1));

dis.setText("GET DISCOUNT");
dis.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        disActionPerformed(evt);
    }
});
codes.add(dis, new org.netbeans.lib.awtextra.AbsoluteConstraints(660, 100, -1, -1));

jButton20.setText("CHECKOUT");
jButton20.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton20ActionPerformed(evt);
    }
});
codes.add(jButton20, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 210, -1,
```



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90));**

```
((AbstractDocument) pay.getDocument()).setDocumentFilter(new
NumericDocumentFilter());
pay.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        payActionPerformed(evt);
    }
});
codes.add(pay, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 90, 110, -1));

jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel5.setText("ENTER PROMO CODES");
codes.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 170, -1, -1));

((AbstractDocument) promotxt.getDocument()).setDocumentFilter(new
NumericDocumentFilter());
promotxt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        promotxtActionPerformed(evt);
    }
});
codes.add(promotxt, new org.netbeans.lib.awtextra.AbsoluteConstraints(670, 190, 120,
-1));

jButton21.setText("ENTER");
jButton21.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton21ActionPerformed(evt);
    }
});
codes.add(jButton21, new org.netbeans.lib.awtextra.AbsoluteConstraints(690, 220, -1, -1));

jButton19.setText("C");
jButton19.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton19ActionPerformed(evt);
    }
});
```



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```
});  
codes.add(jButton19, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 340, 90,  
30));  
  
((AbstractDocument) distxt.getDocument()).setDocumentFilter(new  
NumericDocumentFilter());  
codes.add(distxt, new org.netbeans.lib.awtextra.AbsoluteConstraints(650, 70, 130, -1));  
  
jLabel6.setIcon(new javax.swing.ImageIcon("C:\\Users\\Lorelei\\Downloads\\1o.jpg")); //  
NOI18N  
codes.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, -50, 830, -1));  
  
jTabbedPane1.addTab("FOOD CART", codes);  
  
jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
  
jButton34.setText("PRINT");  
jButton34.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton34ActionPerformed(evt);  
    }  
});  
jPanel3.add(jButton34, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 190, -1,  
62));  
  
b.setColumns(20);  
b.setRows(5);  
jScrollPane2.setViewportView(b);  
  
jPanel3.add(jScrollPane2, new org.netbeans.lib.awtextra.AbsoluteConstraints(280, 30,  
350, 329));  
  
jLabel9.setIcon(new javax.swing.ImageIcon("C:\\Users\\Lorelei\\Downloads\\1o.jpg")); //  
NOI18N  
jPanel3.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, -30, 830, 420));  
  
jTabbedPane1.addTab("RECEIPT", jPanel3);
```



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```
jPanel1.add(jTabbedPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 830, 450));
```

```
getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 830, 450));
```

```
setSize(new java.awt.Dimension(845, 460));
setLocationRelativeTo(null);
}// </editor-fold>
```

```
private void jButton21ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
```

```
String codes = promotxt.getText();
```

```
try {
    pst = con.prepareStatement ("SELECT * FROM vau");
    rs = pst.executeQuery();
```

```
while (rs.next()){
    String code= rs.getString ("Code");
```

```
if (codes.equals(code)){
    double originalAmount= Double.parseDouble(total.getText());
    double discountAmount = originalAmount * 0.03;
    double discountedPrice = originalAmount - discountAmount;
    total.setText(String.format("%.2f", discountedPrice));
    JOptionPane.showMessageDialog(this,"ACCEPTED PAREH");
```

```
}else{
    JOptionPane.showMessageDialog(this,"ITS NOT ACCEPTED PAREH");
}
```



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```
    }  
    } catch (SQLException ex) {  
        Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
    }
```

```
}
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
with your database connection logic  
  
        int itemID = 1; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
        int rowCount = brgDFT.getRowCount();  
        boolean itemFound = false;  
        int rowIndex = -1;  
  
        // Check if the item already exists in the table  
        for (int i = 0; i < rowCount; i++) {  
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)  
            if (tableItemID == itemID) {  
                itemFound = true;  
                rowIndex = i;  
                break;  
            }  
        }  
  
        if (itemFound) {  
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)
```



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```
int updatedQuantity = currentQuantity + 1;
brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q1.getText());
++i;
q1.setText(String.valueOf(i));

cal();
}

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



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```
try {  
    // Assuming you have established a valid database connection  
    Connection con =  
    DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
    // Replace with your database connection logic  
  
    int itemID = 2; // Specify the item ID you want to update  
    DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
    int rowCount = brgDFT.getRowCount();  
    boolean itemFound = false;  
    int rowIndex = -1;  
  
    // Check if the item already exists in the table  
    for (int i = 0; i < rowCount; i++) {  
        int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
        in the first column (index 0)  
        if (tableItemID == itemID) {  
            itemFound = true;  
            rowIndex = i;  
            break;  
        }  
    }  
  
    if (itemFound) {  
        int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
        Assuming Quantity is in the fourth column (index 3)  
        int updatedQuantity = currentQuantity + 1;  
        brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
        column (index 3)  
    } else {  
        pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
        pst.setInt(1, itemID);  
        ResultSet brg1rs = pst.executeQuery();  
  
        if (brg1rs.next()) {  
            Vector<String> brgV2 = new Vector<>();  
            brgV2.add(brg1rs.getString("ID"));  
            brgV2.add(brg1rs.getString("Item"));  
        }  
    }  
}
```



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```
    brgV2.add(brg1rs.getString("Prices"));
    brgV2.add("1"); // Initial quantity
    brgDFT.addRow(brgV2);
}
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q2.getText());
++i;
q2.setText(String.valueOf(i));

cal();
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 3; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
```



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in the first column (index 0)

```
if (tableItemID == itemID) {  
    itemFound = true;  
    rowIndex = i;  
    break;  
}  
}  
  
if (itemFound) {  
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
    int updatedQuantity = currentQuantity + 1;  
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)  
} else {  
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
    pst.setInt(1, itemID);  
    ResultSet brg1rs = pst.executeQuery();  
  
    if (brg1rs.next()) {  
        Vector<String> brgV2 = new Vector<>();  
        brgV2.add(brg1rs.getString("ID"));  
        brgV2.add(brg1rs.getString("Item"));  
        brgV2.add(brg1rs.getString("Prices"));  
        brgV2.add("1"); // Initial quantity  
        brgDFT.addRow(brgV2);  
    }  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q3.getText());  
++i;  
q3.setText(String.valueOf(i));
```



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```
    cal();  
}  
  
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    // btn code  
    // btn code  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
with your database connection logic  
  
        int itemID = 4; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
        int rowCount = brgDFT.getRowCount();  
        boolean itemFound = false;  
        int rowIndex = -1;  
  
        // Check if the item already exists in the table  
        for (int i = 0; i < rowCount; i++) {  
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)  
            if (tableItemID == itemID) {  
                itemFound = true;  
                rowIndex = i;  
                break;  
            }  
        }  
  
        if (itemFound) {  
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
            int updatedQuantity = currentQuantity + 1;  
            brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)
```



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```
    } else {
        pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
        pst.setInt(1, itemID);
        ResultSet brg1rs = pst.executeQuery();

        if (brg1rs.next()) {
            Vector<String> brgV2 = new Vector<>();
            brgV2.add(brg1rs.getString("ID"));
            brgV2.add(brg1rs.getString("Item"));
            brgV2.add(brg1rs.getString("Prices"));
            brgV2.add("1"); // Initial quantity
            brgDFT.addRow(brgV2);
        }
    }

    pst.close();
    con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q4.getText());
++i;
q4.setText(String.valueOf(i));

cal();
}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic
    }
}
```



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```
int itemID = 5; // Specify the item ID you want to update
DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity + 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}
```



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```
pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q5.getText());
++i;
q5.setText(String.valueOf(i));

cal();
}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 6; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
            }
        }
    }
}
```



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```
break;
}
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity + 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q6.getText());
++i;
q6.setText(String.valueOf(i));

cal();
}
```



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```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    // btn code  
    // btn code  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
with your database connection logic  
  
        int itemID = 7; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
        int rowCount = brgDFT.getRowCount();  
        boolean itemFound = false;  
        int rowIndex = -1;  
  
        // Check if the item already exists in the table  
        for (int i = 0; i < rowCount; i++) {  
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)  
            if (tableItemID == itemID) {  
                itemFound = true;  
                rowIndex = i;  
                break;  
            }  
        }  
  
        if (itemFound) {  
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
            int updatedQuantity = currentQuantity + 1;  
            brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)  
        } else {  
            pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
            pst.setInt(1, itemID);  
            ResultSet brg1rs = pst.executeQuery();
```



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```
if (brg1rs.next()) {  
    Vector<String> brgV2 = new Vector<>();  
    brgV2.add(brg1rs.getString("ID"));  
    brgV2.add(brg1rs.getString("Item"));  
    brgV2.add(brg1rs.getString("Prices"));  
    brgV2.add("1"); // Initial quantity  
    brgDFT.addRow(brgV2);  
}  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q7.getText());  
++i;  
q7.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    // btn code  
    // btn code  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
// Replace  
with your database connection logic  
  
        int itemID = 8; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
        int rowCount = brgDFT.getRowCount();
```



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```
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity + 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
```



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```
Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q8.getText());  
++i;  
q8.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    // btn code  
    // btn code  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
with your database connection logic  
  
        int itemID = 9; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
        int rowCount = brgDFT.getRowCount();  
        boolean itemFound = false;  
        int rowIndex = -1;  
  
        // Check if the item already exists in the table  
        for (int i = 0; i < rowCount; i++) {  
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)  
            if (tableItemID == itemID) {  
                itemFound = true;  
                rowIndex = i;  
                break;  
            }  
        }
    }
```



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```
if (itemFound) {  
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
    int updatedQuantity = currentQuantity + 1;  
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)  
} else {  
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
    pst.setInt(1, itemID);  
    ResultSet brg1rs = pst.executeQuery();  
  
    if (brg1rs.next()) {  
        Vector<String> brgV2 = new Vector<>();  
        brgV2.add(brg1rs.getString("ID"));  
        brgV2.add(brg1rs.getString("Item"));  
        brgV2.add(brg1rs.getString("Prices"));  
        brgV2.add("1"); // Initial quantity  
        brgDFT.addRow(brgV2);  
    }  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q9.getText());  
++i;  
q9.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    // btn code
```



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```
// btn code
try {
// Assuming you have established a valid database connection
Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
with your database connection logic

int itemID = 10; // Specify the item ID you want to update
DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity + 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
    }
}
```



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```
    brgV2.add(brg1rs.getString("Item"));
    brgV2.add(brg1rs.getString("Prices"));
    brgV2.add("1"); // Initial quantity
    brgDFT.addRow(brgV2);
}
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q10.getText());
++i;
q10.setText(String.valueOf(i));

cal();
}

private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 11; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
    }
}
```



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```
for (int i = 0; i < rowCount; i++) {  
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
    in the first column (index 0)  
    if (tableItemID == itemID) {  
        itemFound = true;  
        rowIndex = i;  
        break;  
    }  
}  
  
if (itemFound) {  
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
    Assuming Quantity is in the fourth column (index 3)  
    int updatedQuantity = currentQuantity + 1;  
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
    column (index 3)  
} else {  
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
    pst.setInt(1, itemID);  
    ResultSet brg1rs = pst.executeQuery();  
  
    if (brg1rs.next()) {  
        Vector<String> brgV2 = new Vector<>();  
        brgV2.add(brg1rs.getString("ID"));  
        brgV2.add(brg1rs.getString("Item"));  
        brgV2.add(brg1rs.getString("Prices"));  
        brgV2.add("1"); // Initial quantity  
        brgDFT.addRow(brgV2);  
    }  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q11.getText());
```



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```
++i;  
q11.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    // btn code  
    // btn code  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
with your database connection logic  
  
    int itemID = 12; // Specify the item ID you want to update  
    DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
    int rowCount = brgDFT.getRowCount();  
    boolean itemFound = false;  
    int rowIndex = -1;  
  
    // Check if the item already exists in the table  
    for (int i = 0; i < rowCount; i++) {  
        int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)  
        if (tableItemID == itemID) {  
            itemFound = true;  
            rowIndex = i;  
            break;  
        }  
    }  
  
    if (itemFound) {  
        int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
        int updatedQuantity = currentQuantity + 1;
```



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```
brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q12.getText());
++i;
q12.setText(String.valueOf(i));

cal();
}

private void jButton13ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
```



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DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
// Replace with your database connection logic

```
int itemID = 13; // Specify the item ID you want to update
DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity + 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}
```



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}
}

```
        pst.close();
        con.close();
    } catch (SQLException ex) {
        Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
    }

    int i = Integer.parseInt(q13.getText());
    ++i;
    q13.setText(String.valueOf(i));

    cal();
}

private void jButton14ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 14; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
```



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```
itemFound = true;
rowIndex = i;
break;
}
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity + 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q14.getText());
++i;
q14.setText(String.valueOf(i));
```



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cal();

}

```
private void jButton15ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 15; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
                break;
            }
        }

        if (itemFound) {
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //
            Assuming Quantity is in the fourth column (index 3)
            int updatedQuantity = currentQuantity + 1;
            brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
            column (index 3)
        } else {
            pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
        }
    }
}
```



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```
pst.setInt(1, itemID);
ResultSet brg1rs = pst.executeQuery();

if (brg1rs.next()) {
    Vector<String> brgV2 = new Vector<>();
    brgV2.add(brg1rs.getString("ID"));
    brgV2.add(brg1rs.getString("Item"));
    brgV2.add(brg1rs.getString("Prices"));
    brgV2.add("1"); // Initial quantity
    brgDFT.addRow(brgV2);
}
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q15.getText());
++i;
q15.setText(String.valueOf(i));

cal();
}

private void jButton16ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 16; // Specify the item ID you want to update
    }
}
```



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```
DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity + 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
```



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```
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q16.getText());
++i;
q16.setText(String.valueOf(i));

cal();
}

private void jButton17ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    // btn code
    // btn code
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 17; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
                break;
            }
        }
    }
}
```



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}

```
if (itemFound) {  
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
    int updatedQuantity = currentQuantity + 1;  
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)  
} else {  
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
    pst.setInt(1, itemID);  
    ResultSet brg1rs = pst.executeQuery();  
  
    if (brg1rs.next()) {  
        Vector<String> brgV2 = new Vector<>();  
        brgV2.add(brg1rs.getString("ID"));  
        brgV2.add(brg1rs.getString("Item"));  
        brgV2.add(brg1rs.getString("Prices"));  
        brgV2.add("1"); // Initial quantity  
        brgDFT.addRow(brgV2);  
    }  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q17.getText());  
++i;  
q17.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton18ActionPerformed(java.awt.event.ActionEvent evt) {
```



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// TODO add your handling code here:

// delete some item

```
DefaultTableModel dt = (DefaultTableModel) foodcartT.getModel();

String r = dt.getValueAt(foodcartT.getSelectedRow(), 0).toString();

//remove product
int rw = foodcartT.getSelectedRow();
dt.removeRow(rw);

//remove Qty Lable
System.out.println(r);
switch (r) {

    case "1":
        q1.setText("0");
        break;

    case "2":
        q2.setText("0");
        break;

    case "3":
        q3.setText("0");
        break;

    case "4":
        q4.setText("0");
        break;

    case "5":
        q5.setText("0");
        break;

    case "6":
```



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```
q6.setText("0");
```

```
case "7":
```

```
q7.setText("0");
```

```
break;
```

```
case "8":
```

```
q8.setText("0");
```

```
break;
```

```
case "9":
```

```
q9.setText("0");
```

```
break;
```

```
default:
```

```
System.out.println("over");
```

```
}
```

```
cal(); // after iteam delete calculate total
```

```
}
```

```
private void jButton20ActionPerformed(java.awt.event.ActionEvent evt) {
```

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

```
    double tot = Double.valueOf(total.getText());
```

```
    double paid = Double.valueOf(pay.getText());
```

```
    double balance = paid - tot ;
```

```
    DecimalFormat df = new DecimalFormat("00.00") ;
```

```
    bal.setText(String.valueOf(df.format(balance)));
```

```
    if (balance < 0) {
```

```
        JOptionPane.showMessageDialog(this, "Insufficient payment! Please enter a higher amount.");
```

```
}
```



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}

```
private void disActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String pwd = new String(distxt.getPassword());

    try {
        pst = con.prepareStatement ("SELECT * FROM seniordis");
        rs = pst.executeQuery();

        while (rs.next()){
            String password= rs.getString ("Password");

            if (pwd.equals(password)){
                double originalAmount= Double.parseDouble(total.getText());
                double discountAmount = originalAmount * 0.05;
                double discountedPrice = originalAmount - discountAmount;
                total.setText(String.format("%.2f", discountedPrice));

            }else{
                JOptionPane.showMessageDialog(this,"Code Not Accepted");
            }
        }
    } catch (SQLException ex) {
        Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



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}

```
private void jButton19ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:
```

```
    pay.setText("");  
    distxt.setText("");  
    promotxt.setText("");  
    bal.setText("");
```

}

```
private void jButton34ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:
```

```
    // bill print
```

```
try {
```

```
    StringBuilder billText = new StringBuilder();  
    billText.append("          LORE EATS \n");  
    billText.append("          PLANET EARTH, \n");  
    billText.append("          ASIA PHILIPPINES, \n");  
    billText.append("          +9355977238, \n");  
    billText.append("-----\n");  
    billText.append(" Item \t\tQty \tPrice\n");  
    billText.append("-----\n");
```

```
DefaultTableModel df = (DefaultTableModel) foodcartT.getModel();
```

```
// get table Product details
```

```
for (int i = 0; i < foodcartT.getRowCount(); i++) {  
    String Name = df.getValueAt(i, 1).toString();  
    String Qty = df.getValueAt(i, 2).toString();  
    String Price = df.getValueAt(i, 3).toString();
```



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```
billText.append("
").append(Name).append("\t\t").append(Qty).append("\t").append(Price).append("\n");
}

billText.append("-----\n");
billText.append("Sub Total : ").append(total.getText()).append("\n");
billText.append("Cash    : ").append(pay.getText()).append("\n");
billText.append("Balance  : ").append(bal.getText()).append("\n");
billText.append("-----\n");
billText.append("          Thanks For Your Business...!\n");
billText.append("-----\n");
billText.append("          LORE EATS \n");

b.setText(billText.toString());
b.print(); // print
} catch (Exception e) {
    System.out.println(e);
}

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

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

private void jButton22ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic
    }
}
```



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```
int itemID = 15; // Specify the item ID you want to update
DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}
```



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```
pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q15.getText());
if (i > 0) {
    --i;
}
q15.setText(String.valueOf(i));

cal();
}

private void jButton23ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 10; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
            }
        }
    } catch (SQLException ex) {
        Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
    }
}
```



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```
break;
}
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q10.getText());
if (i > 0) {
    --i;
}
q10.setText(String.valueOf(i));
```



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```
    cal();
```

```
}
```

```
private void jButton24ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 11; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
                break;
            }
        }

        if (itemFound) {
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
            int updatedQuantity = currentQuantity - 1;
            brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
            column (index 3)
        } else {
            pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
            pst.setInt(1, itemID);
            ResultSet brg1rs = pst.executeQuery();
```



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```
if (brg1rs.next()) {  
    Vector<String> brgV2 = new Vector<>();  
    brgV2.add(brg1rs.getString("ID"));  
    brgV2.add(brg1rs.getString("Item"));  
    brgV2.add(brg1rs.getString("Prices"));  
    brgV2.add("1"); // Initial quantity  
    brgDFT.addRow(brgV2);  
}  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q11.getText());  
if (i > 0) {  
    --i;  
}  
q11.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton25ActionPerformed(java.awt.event.ActionEvent evt) {  
try {  
    // Assuming you have established a valid database connection  
    Connection con =  
    DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
    // Replace  
with your database connection logic  
  
    int itemID = 12; // Specify the item ID you want to update  
    DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
    int rowCount = brgDFT.getRowCount();  
    boolean itemFound = false;
```



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```
int rowIndex = -1;
```

```
// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}
```



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{}

```
int i = Integer.parseInt(q12.getText());
if (i > 0) {
    --i;
}
q12.setText(String.valueOf(i));

cal();
}

private void jButton26ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 13; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
                break;
            }
        }

        if (itemFound) {
```



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```
int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
int updatedQuantity = currentQuantity - 1;  
brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)  
} else {  
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
    pst.setInt(1, itemID);  
    ResultSet brg1rs = pst.executeQuery();  
  
    if (brg1rs.next()) {  
        Vector<String> brgV2 = new Vector<>();  
        brgV2.add(brg1rs.getString("ID"));  
        brgV2.add(brg1rs.getString("Item"));  
        brgV2.add(brg1rs.getString("Prices"));  
        brgV2.add("1"); // Initial quantity  
        brgDFT.addRow(brgV2);  
    }  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q13.getText());  
if (i > 0) {  
    --i;  
}  
q13.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton27ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```



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```
try {  
    // Assuming you have established a valid database connection  
    Connection con =  
    DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
    // Replace with your database connection logic  
  
    int itemID = 1; // Specify the item ID you want to update  
    DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
    int rowCount = brgDFT.getRowCount();  
    boolean itemFound = false;  
    int rowIndex = -1;  
  
    // Check if the item already exists in the table  
    for (int i = 0; i < rowCount; i++) {  
        int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
        in the first column (index 0)  
        if (tableItemID == itemID) {  
            itemFound = true;  
            rowIndex = i;  
            break;  
        }  
    }  
  
    if (itemFound) {  
        int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
        Assuming Quantity is in the fourth column (index 3)  
        int updatedQuantity = currentQuantity - 1;  
        brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
        column (index 3)  
    } else {  
        pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
        pst.setInt(1, itemID);  
        ResultSet brg1rs = pst.executeQuery();  
  
        if (brg1rs.next()) {  
            Vector<String> brgV2 = new Vector<>();  
            brgV2.add(brg1rs.getString("ID"));  
            brgV2.add(brg1rs.getString("Item"));  
        }  
    }  
}
```



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```
    brgV2.add(brg1rs.getString("Prices"));
    brgV2.add("1"); // Initial quantity
    brgDFT.addRow(brgV2);
}
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q1.getText());
if (i > 0) {
    --i;
}
q1.setText(String.valueOf(i));

cal();
}

private void jButton28ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace with your database connection logic

        int itemID = 2; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
```



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```
int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)
```

```
if (tableItemID == itemID) {  
    itemFound = true;  
    rowIndex = i;  
    break;  
}  
}
```

```
if (itemFound) {  
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
    int updatedQuantity = currentQuantity - 1;  
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)  
} else {  
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
    pst.setInt(1, itemID);  
    ResultSet brg1rs = pst.executeQuery();
```

```
if (brg1rs.next()) {  
    Vector<String> brgV2 = new Vector<>();  
    brgV2.add(brg1rs.getString("ID"));  
    brgV2.add(brg1rs.getString("Item"));  
    brgV2.add(brg1rs.getString("Prices"));  
    brgV2.add("1"); // Initial quantity  
    brgDFT.addRow(brgV2);  
}  
}
```

```
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}
```

```
int i = Integer.parseInt(q2.getText());  
if (i > 0) {
```



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```
--i;  
}  
q2.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton29ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace  
with your database connection logic  
  
        int itemID = 3; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
        int rowCount = brgDFT.getRowCount();  
        boolean itemFound = false;  
        int rowIndex = -1;  
  
        // Check if the item already exists in the table  
        for (int i = 0; i < rowCount; i++) {  
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)  
            if (tableItemID == itemID) {  
                itemFound = true;  
                rowIndex = i;  
                break;  
            }  
        }  
  
        if (itemFound) {  
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
            int updatedQuantity = currentQuantity - 1;  
            brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
```



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column (index 3)

```
    } else {
        pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
        pst.setInt(1, itemID);
        ResultSet brg1rs = pst.executeQuery();

        if (brg1rs.next()) {
            Vector<String> brgV2 = new Vector<>();
            brgV2.add(brg1rs.getString("ID"));
            brgV2.add(brg1rs.getString("Item"));
            brgV2.add(brg1rs.getString("Prices"));
            brgV2.add("1"); // Initial quantity
            brgDFT.addRow(brgV2);
        }
    }

    pst.close();
    con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q3.getText());
if (i > 0) {
    --i;
}
q3.setText(String.valueOf(i));

cal();
}

private void jButton30ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
```



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with your database connection logic

```
int itemID = 5; // Specify the item ID you want to update
DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}
```



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}

```
pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q5.getText());
if (i > 0) {
    --i;
}
q5.setText(String.valueOf(i));

cal();
}

private void jButton31ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 4; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
            }
        }
    }
}
```



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```
RowIndex = i;
break;
}
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q4.getText());
if (i > 0) {
    --i;
}
q4.setText(String.valueOf(i));
```



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```
    cal();  
}  
  
private void jButton32ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
with your database connection logic  
  
        int itemID = 14; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();  
        int rowCount = brgDFT.getRowCount();  
        boolean itemFound = false;  
        int rowIndex = -1;  
  
        // Check if the item already exists in the table  
        for (int i = 0; i < rowCount; i++) {  
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is  
in the first column (index 0)  
            if (tableItemID == itemID) {  
                itemFound = true;  
                rowIndex = i;  
                break;  
            }  
        }  
  
        if (itemFound) {  
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
Assuming Quantity is in the fourth column (index 3)  
            int updatedQuantity = currentQuantity - 1;  
            brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
column (index 3)  
        } else {  
            pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
            pst.setInt(1, itemID);
```



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ResultSet brg1rs = pst.executeQuery();

```
if (brg1rs.next()) {  
    Vector<String> brgV2 = new Vector<>();  
    brgV2.add(brg1rs.getString("ID"));  
    brgV2.add(brg1rs.getString("Item"));  
    brgV2.add(brg1rs.getString("Prices"));  
    brgV2.add("1"); // Initial quantity  
    brgDFT.addRow(brgV2);  
}  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q14.getText());  
if (i > 0) {  
    --i;  
}  
q14.setText(String.valueOf(i));  
  
cal();  
}  
  
private void jButton33ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    try {  
        // Assuming you have established a valid database connection  
        Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace  
with your database connection logic  
  
        int itemID = 6; // Specify the item ID you want to update  
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
```



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```
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
```



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```
 } catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q6.getText());
if (i > 0) {
    --i;
}
q6.setText(String.valueOf(i));

cal();
}

private void jButton35ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace with your database connection logic

        int itemID = 7; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
                break;
            }
        }
    }
}
```



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```
if (itemFound) {  
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); //  
    Assuming Quantity is in the fourth column (index 3)  
    int updatedQuantity = currentQuantity - 1;  
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth  
    column (index 3)  
} else {  
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");  
    pst.setInt(1, itemID);  
    ResultSet brg1rs = pst.executeQuery();  
  
    if (brg1rs.next()) {  
        Vector<String> brgV2 = new Vector<>();  
        brgV2.add(brg1rs.getString("ID"));  
        brgV2.add(brg1rs.getString("Item"));  
        brgV2.add(brg1rs.getString("Prices"));  
        brgV2.add("1"); // Initial quantity  
        brgDFT.addRow(brgV2);  
    }  
}  
  
pst.close();  
con.close();  
} catch (SQLException ex) {  
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);  
}  
  
int i = Integer.parseInt(q7.getText());  
if (i > 0) {  
    --i;  
}  
q7.setText(String.valueOf(i));  
  
cal();  
}
```



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```
private void jButton36ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 8; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
                break;
            }
        }

        if (itemFound) {
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
            int updatedQuantity = currentQuantity - 1;
            brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
            column (index 3)
        } else {
            pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
            pst.setInt(1, itemID);
            ResultSet brg1rs = pst.executeQuery();

            if (brg1rs.next()) {
                Vector<String> brgV2 = new Vector<>();
            }
        }
    }
}
```



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```
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q8.getText());
if (i > 0) {
    --i;
}
q8.setText(String.valueOf(i));

cal();
}

private void jButton37ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 9; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;
```



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```
// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}
```



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```
int i = Integer.parseInt(q9.getText());
if (i > 0) {
    --i;
}
q9.setText(String.valueOf(i));

cal();
}

private void jButton38ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
        // Replace
        with your database connection logic

        int itemID = 16; // Specify the item ID you want to update
        DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
        int rowCount = brgDFT.getRowCount();
        boolean itemFound = false;
        int rowIndex = -1;

        // Check if the item already exists in the table
        for (int i = 0; i < rowCount; i++) {
            int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
            in the first column (index 0)
            if (tableItemID == itemID) {
                itemFound = true;
                rowIndex = i;
                break;
            }
        }

        if (itemFound) {
            int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
```



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```
int updatedQuantity = currentQuantity - 1;
brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
        brgDFT.addRow(brgV2);
    }
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q16.getText());
if (i > 0) {
    --i;
}
q16.setText(String.valueOf(i));

cal();
}

private void jButton39ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        // Assuming you have established a valid database connection
    }
}
```



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Connection con =

DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
// Replace with your database connection logic

```
int itemID = 17; // Specify the item ID you want to update
DefaultTableModel brgDFT = (DefaultTableModel) foodcartT.getModel();
int rowCount = brgDFT.getRowCount();
boolean itemFound = false;
int rowIndex = -1;

// Check if the item already exists in the table
for (int i = 0; i < rowCount; i++) {
    int tableItemID = Integer.parseInt(brgDFT.getValueAt(i, 0).toString()); // Assuming item ID is
in the first column (index 0)
    if (tableItemID == itemID) {
        itemFound = true;
        rowIndex = i;
        break;
    }
}

if (itemFound) {
    int currentQuantity = Integer.parseInt(brgDFT.getValueAt(rowIndex, 3).toString()); // Assuming Quantity is in the fourth column (index 3)
    int updatedQuantity = currentQuantity - 1;
    brgDFT.setValueAt(updatedQuantity, rowIndex, 3); // Assuming Quantity is in the fourth
column (index 3)
} else {
    pst = con.prepareStatement("SELECT ID, Item, Prices FROM stocks WHERE ID = ?");
    pst.setInt(1, itemID);
    ResultSet brg1rs = pst.executeQuery();

    if (brg1rs.next()) {
        Vector<String> brgV2 = new Vector<>();
        brgV2.add(brg1rs.getString("ID"));
        brgV2.add(brg1rs.getString("Item"));
        brgV2.add(brg1rs.getString("Prices"));
        brgV2.add("1"); // Initial quantity
    }
}
```



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```
    brgDFT.addRow(brgV2);
}
}

pst.close();
con.close();
} catch (SQLException ex) {
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
}

int i = Integer.parseInt(q17.getText());
if (i > 0) {
    --i;
}
q17.setText(String.valueOf(i));

cal();
}

/** 
 * @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());
            }
        }
    } catch (ClassNotFoundException ex) {
        java.net.URL url = getClass().getResource("Nimbus.properties");
        URLClassLoader loader = new URLClassLoader(new URL[]{url});
        UIManager.setLookAndFeel(loader.loadPropertyFile("Nimbus"));
    } catch (InstantiationException ex) {
        ex.printStackTrace();
    } catch (IllegalAccessException ex) {
        ex.printStackTrace();
    } catch (UnsupportedLookAndFeelException ex) {
        ex.printStackTrace();
    }
}
}
```



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```
break;
}
}
} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(exam2.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(exam2.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(exam2.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(exam2.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 exam2().setVisible(true);
    }
});
}

static class NumericDocumentFilter extends DocumentFilter {
    @Override
    public void insertString(FilterBypass fb, int offset, String string, AttributeSet attr)
        throws BadLocationException {
        // Allow only numeric characters
        if (string.matches("\\d+")) {
            super.insertString(fb, offset, string, attr);
        }
    }
}
```



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```
@Override
public void replace(FilterBypass fb, int offset, int length, String text, AttributeSet attrs)
throws BadLocationException {
    // Allow only numeric characters
    if (text.matches("\\d+")) {
        super.replace(fb, offset, length, text, attrs);
    }
    else{
        fb.getDocument().remove(offset, length);
        fb.insertString(offset, "", attrs);
    }
}

// Variables declaration - do not modify
private javax.swing.JTextArea b;
private javax.swing.JLabel bal;
private javax.swing.JPanel codes;
private javax.swing.JButton dis;
private javax.swing.JPasswordField distxt;
private javax.swing.JTable foodcartT;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton10;
private javax.swing.JButton jButton11;
private javax.swing.JButton jButton12;
private javax.swing.JButton jButton13;
private javax.swing.JButton jButton14;
private javax.swing.JButton jButton15;
private javax.swing.JButton jButton16;
private javax.swing.JButton jButton17;
private javax.swing.JButton jButton18;
private javax.swing.JButton jButton19;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton20;
private javax.swing.JButton jButton21;
private javax.swing.JButton jButton22;
private javax.swing.JButton jButton23;
```



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```
private javax.swing.JButton jButton24;
private javax.swing.JButton jButton25;
private javax.swing.JButton jButton26;
private javax.swing.JButton jButton27;
private javax.swing.JButton jButton28;
private javax.swing.JButton jButton29;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton30;
private javax.swing.JButton jButton31;
private javax.swing.JButton jButton32;
private javax.swing.JButton jButton33;
private javax.swing.JButton jButton34;
private javax.swing.JButton jButton35;
private javax.swing.JButton jButton36;
private javax.swing.JButton jButton37;
private javax.swing.JButton jButton38;
private javax.swing.JButton jButton39;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JButton jButton7;
private javax.swing.JButton jButton8;
private javax.swing.JButton jButton9;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
```



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```
private javax.swing.JPanel jPanel5;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTabbedPane jTabbedPane1;
private javax.swing.JTextField pay;
private javax.swing.JTextField promotxt;
private javax.swing.JLabel q1;
private javax.swing.JLabel q10;
private javax.swing.JLabel q11;
private javax.swing.JLabel q12;
private javax.swing.JLabel q13;
private javax.swing.JLabel q14;
private javax.swing.JLabel q15;
private javax.swing.JLabel q16;
private javax.swing.JLabel q17;
private javax.swing.JLabel q2;
private javax.swing.JLabel q3;
private javax.swing.JLabel q4;
private javax.swing.JLabel q5;
private javax.swing.JLabel q6;
private javax.swing.JLabel q7;
private javax.swing.JLabel q8;
private javax.swing.JLabel q9;
private javax.swing.JLabel total;
// End of variables declaration
}
```

exam3.java

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
 * license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
 */
package exam;

import java.sql.*;
import javax.swing.table.DefaultTableModel;
```



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```
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import javax.swing.text.AbstractDocument;
import javax.swing.text.AttributeSet;
import javax.swing.text.BadLocationException;
import javax.swing.text.DocumentFilter;
import java.sql.ResultSet;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;

/*
// * @author Lorelei
// */
public class exam3 extends javax.swing.JFrame {
```

```
Connection con;
PreparedStatement pst;
ResultSet rs;
/***
 * Creates new form exam3
 */
```

```
public exam3() {
    Itemcode=1;
    initComponents();

    Connect();
    table_update();
}
```

```
private void table_update(){
    try {
```



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```
con = DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
pst = con.prepareStatement("SELECT * FROM stocks");
ResultSet stcRs = pst.executeQuery();
```

```
ResultSetMetaData stcRSMD = stcRs.getMetaData();
int stcCC = stcRSMD.getColumnCount();
DefaultTableModel stcDFT = (DefaultTableModel) stocktable.getModel();
stcDFT.setRowCount(0);
```

```
while (stcRs.next()){
    Vector stcV2 = new Vector();
```

```
    for(int ii = 1; ii <= stcCC; ii++){
        stcV2.add(stcRs.getString("ID"));
        stcV2.add(stcRs.getString("Item"));
        stcV2.add(stcRs.getString("Prices"));
        stcV2.add(stcRs.getString("Quantity"));
    }
    stcDFT.addRow(stcV2);
```

```
}
```

```
} catch (SQLException ex) {
    Logger.getLogger(exam3.class.getName()).log(Level.SEVERE, null, ex);
}
```

```
}
```

```
private int Itemcode;
```

```
String Item;
```

```
int amount, price;
```

```
public static Connection Connect(){
```

```
Connection con = null;
```

```
try {
```

```
    con = DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
}
```

```
} catch (SQLException ex) {
```

```
    Logger.getLogger(exam2.class.getName()).log(Level.SEVERE, null, ex);
```



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```
System.out.println("Error connecting to database: " + ex.getMessage());  
}  
return con;  
}  
  
/**  
 * This method is called from within the constructor to initialize the form.  
 * WARNING: Do NOT modify this code. The content of this method is always  
 * regenerated by the Form Editor.  
 */  
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated Code">  
private void initComponents() {  
  
    jLabel1 = new javax.swing.JLabel();  
    jLabel2 = new javax.swing.JLabel();  
    jLabel3 = new javax.swing.JLabel();  
    btn = new javax.swing.JButton();  
    addbtn = new javax.swing.JButton();  
    usercode = new javax.swing.JLabel();  
    amounttxt = new javax.swing.JTextField();  
    pricetxt = new javax.swing.JTextField();  
    jScrollPane1 = new javax.swing.JScrollPane();  
    stocktable = new javax.swing.JTable();  
    jButton1 = new javax.swing.JButton();  
    jLabel4 = new javax.swing.JLabel();  
  
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);  
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());  
  
    jLabel1.setBackground(new java.awt.Color(255, 255, 255));  
    jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N  
    jLabel1.setText("INSERT STOCK OF PRODUCTS ");  
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 70, 330, -1));  
  
    jLabel2.setFont(new java.awt.Font("Rockwell", 1, 14)); // NOI18N
```



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```
jLabel2.setText("AMOUNT");
getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 190, -1, -1));

jLabel3.setFont(new java.awt.Font("Rockwell", 1, 14)); // NOI18N
jLabel3.setText("PRICE");
getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(160, 190, 80, -1));

btn.setText("HOME PAGE");
btn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnActionPerformed(evt);
    }
});
getContentPane().add(btn, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 380, -1, -1));

addbtn.setText("ADD");
addbtn.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        addbtnActionPerformed(evt);
    }
});
getContentPane().add(addbtn, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 280, 75, -1));

usercode.setFont(new java.awt.Font("Rockwell", 1, 14)); // NOI18N
usercode.setText(item);
usercode.setText("Board Slide");
getContentPane().add(usercode, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 160, 326, -1));

getContentPane().add(amounttxt, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 210, 71, -1));
getContentPane().add(pricetxt, new org.netbeans.lib.awtextra.AbsoluteConstraints(149, 207, 71, -1));

stocktable.setModel(new javax.swing.table.DefaultTableModel(
```



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```
new Object [][] {  
    {null, null, null, null},  
    {null, null, null, null},  
    {null, null, null, null},  
    {null, null, null, null}  
},  
new String [] {  
    "ID", "ITEM", "PRICES", "QUANTITY"  
}  
));  

```



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```
DriverManager.getConnection("jdbc:mysql://localhost:3306/examination","root","");
String amountinput= amounttxt.getText();
String priceinput = pricetxt.getText();
amounttxt.setText("");
pricetxt.setText("");
try {
    amount = Integer.parseInt(amountinput);
    price = Integer.parseInt(priceinput);

    // Check if the item already exists in the database
    String selectSql = "SELECT * FROM stocks WHERE ID = ?";
    PreparedStatement selectStatement = con.prepareStatement(selectSql);
    selectStatement.setInt(1, Itemcode);
    ResultSet resultSet = selectStatement.executeQuery();

    if (resultSet.next()) {
        // Item already exists, perform the update
        String updateSql = "UPDATE stocks SET Prices = ?, Quantity = ? WHERE ID = ?";
        PreparedStatement updateStatement = con.prepareStatement(updateSql);
        updateStatement.setInt(1, price);
        updateStatement.setInt(2, amount);
        updateStatement.setInt(3, Itemcode);
        updateStatement.executeUpdate();

    } else {
        String insertSql = "INSERT INTO stocks (ID, Item, Prices, Quantity) VALUES (?, ?, ?, ?)";
        PreparedStatement preparedStatement = con.prepareStatement(insertSql);
        preparedStatement.setString(1, Integer.toString(Itemcode));
        preparedStatement.setString(2, usercode.getText());
        preparedStatement.setInt(3, price);
        preparedStatement.setInt(4, amount);
        preparedStatement.executeUpdate();
    }
    Itemcode = Itemcode + 1;
}
```



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```
if (Itemcode == 2){  
    usercode.setText("Baracha");  
} else if (Itemcode == 3){  
    usercode.setText("Keto");  
} else if (Itemcode == 4){  
    usercode.setText("Fakie Sandwich");  
} else if (Itemcode == 5){  
    usercode.setText("Chick & Burger");  
} else if (Itemcode == 6){  
    usercode.setText("Chicken Sandwich");  
} else if (Itemcode == 7){  
    usercode.setText("Bacon & Egg");  
} else if (Itemcode == 8){  
    usercode.setText("Ham & Egg");  
} else if (Itemcode == 9){  
    usercode.setText("Spam & Egg");  
} else if (Itemcode == 10){  
    usercode.setText("Bacon");  
} else if (Itemcode == 11){  
    usercode.setText("Cheese");  
} else if (Itemcode == 12){  
    usercode.setText("Egg");  
} else if (Itemcode == 13){  
    usercode.setText("Ham");  
} else if (Itemcode == 14){  
    usercode.setText("Spam");  
} else if (Itemcode == 15){  
    usercode.setText("BBQ Sauce");  
} else if (Itemcode == 16){  
    usercode.setText("First Fries");  
} else if (Itemcode == 17){  
    usercode.setText("Grand Fries");  
} else if (Itemcode == 18){  
    usercode.setText("Setup Complete");  
    amounttxt.setEnabled(false);  
    pricetxt.setEnabled(false);  
    resbtn.setEnabled(true);  
}
```



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}

```
        } catch (NumberFormatException ex) {
            JOptionPane.showMessageDialog(null, "Please enter valid integers for the amount
and price.");
        } catch (SQLException ex) {
            Logger.getLogger(exam3.class.getName()).log(Level.SEVERE, null, ex);
        } // TODO add your handling code here:

    } catch (SQLException ex) {
        Logger.getLogger(exam3.class.getName()).log(Level.SEVERE,null, ex);
    } // TODO add your handling code here:
table_update();
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Itemcode = 0;
    usercode.setText("Board Slide");
    amount = 0;
    price = 0;
    while (Itemcode < 18){
        String selectSql = "SELECT * FROM stocks WHERE ID = ?";
        PreparedStatement selectStatement = null;
        try {
            selectStatement = con.prepareStatement(selectSql);
        } catch (SQLException ex) {
            Logger.getLogger(exam3.class.getName()).log(Level.SEVERE, null, ex);
        }
        try {
            selectStatement.setInt(1, Itemcode);
        } catch (SQLException ex) {
            Logger.getLogger(exam3.class.getName()).log(Level.SEVERE, null, ex);
        }
        ResultSet resultSet = null;
        try {
            resultSet = selectStatement.executeQuery();
        } catch (SQLException ex) {
```



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```
Logger.getLogger(exam3.class.getName()).log(Level.SEVERE, null, ex);
}

try {
    if (resultSet.next()) {
        // Item already exists, perform the update
        String updateSql = "UPDATE stocks SET Prices = ?, Quantity = ? WHERE ID = ?";
        PreparedStatement updateStatement = con.prepareStatement(updateSql);
        updateStatement.setInt(1, price);
        updateStatement.setInt(2, amount);
        updateStatement.setInt(3, Itemcode);
        updateStatement.executeUpdate();

    }
} catch (SQLException ex) {
    Logger.getLogger(exam3.class.getName()).log(Level.SEVERE, null, ex);
}

Itemcode = Itemcode + 1;

if (Itemcode == 2){
    usercode.setText("Baracha");
} else if (Itemcode == 3){
    usercode.setText("Keto");
} else if (Itemcode == 4){
    usercode.setText("Fakie Sandwich");
} else if (Itemcode == 5){
    usercode.setText("Chick & Burger");
} else if (Itemcode == 6){
    usercode.setText("Chicken Sandwich");
} else if (Itemcode == 7){
    usercode.setText("Bacon & Egg");
} else if (Itemcode == 8){
    usercode.setText("Ham & Egg");
} else if (Itemcode == 9){
    usercode.setText("Spam & Egg");
} else if (Itemcode == 10){
```



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```
usercode.setText("Bacon");
} else if (Itemcode == 11){
    usercode.setText("Cheese");
} else if (Itemcode == 12){
    usercode.setText("Egg");
} else if (Itemcode == 13){
    usercode.setText("Ham");
} else if (Itemcode == 14){
    usercode.setText("Spam");
} else if (Itemcode == 15){
    usercode.setText("BBQ Sauce");
} else if (Itemcode == 16){
    usercode.setText("First Fries");
} else if (Itemcode == 17){
    usercode.setText("Grand Fries");
} else if (Itemcode == 18){
    usercode.setText("Setup Complete");
    amounttxt.setEnabled(false);
    pricetxt.setEnabled(false);
    btn.setEnabled(true);
}

}

table_update();
}

private void btnActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    exam1 w5= new exam1();
    w5.setVisible(true);
    this.setVisible(false);
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
```



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```
/* 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(exam3.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(exam3.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(exam3.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(exam3.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 exam3().setVisible(true);
    }
});
```



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}

```
// Variables declaration - do not modify
private javax.swing.JButton addbtn;
private javax.swing.JTextField amounttxt;
private javax.swing.JButton btn;
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTextField pricetxt;
private javax.swing.JTable stocktable;
private javax.swing.JLabel usercode;
// End of variables declaration
}
```

connector.java

package exam;

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

/**
 *
 * @author Lorelei
 */

```