

**Project Report on**

**JAVA POINT OF SALES WITH BARCODE ANDROID SCANNER  
APPLICATION**

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**TITLE OF THE PROJECT**

JAVA POINT OF SALES WITH ANDROID BARCODE SCANNER  
APPLICATION

## **1. Introduction**

### **1.1 Purpose**

This Software Requirement Specification will give an overview for the requirements of this project. My application is a point of sales system that can use a Smartphone as a barcode scanner. It should be user-friendly and have some functions needed in a small retail.

The most basic function of a Point of sales system is to handle sales. When a customer arrives at a Point of Sales System counter with a product to purchase, the cashier will start a new sale transaction. When the barcode of a product is read by the POSS, it will retrieve the name and price of this product from the backend catalogue system and interact with inventory system to deduce the stock amount of this product. When the sale transaction is over, the customer can pay in cash. After the payment is successful, a receipt will be printed.

### **1.2 Product Scope**

POSS help the shop's owners by storing the following information with every purchase made by customers: a unique transaction number assigned to every transaction, the items purchased and their prices, the date and time of the transaction, and the total price of all the items bought.

For the database of items, the system will only store information about the products offered in the supermarket. The product type may be of any kind , the system shall be able to store the unique product identification number (Barcode), the product name, the price the item was bought, and the selling price, for each item in the database.

In generating reports on sales, the system can shows reports on the sales made on a monthly basis. The user can view this report any time he wishes. All transactions are stored by the system for future reference. Each transaction has the items purchased, quantity and the prices.

### **1.3 Objectives**

- To make Point of Sales System easy to use.
- To make inventory managing easier.
- To make the Point of Sales System Cost effective.
- To make gathering information from current customer's easier.

## **1.4 Definitions, Acronyms and Abbreviations**

### **1.4.1 Definitions**

- Administrator: System administrator who is given specific permission for managing and controlling the system.
- shop's owner: Someone who has a supermarket and wants his supermarket to be a part the application.
- Stakeholder: Any person who interacts with the system who is not a developer.
- Sale: Commercial transaction between customer and retailer, where customer buys several products from the retailer.
- Sale transaction: commercial transaction between customer and retailer.
- Product Record: descriptor of physical products with same bar code.
- Product: physical product.
- GRN Report: A goods receipt note (GRN) is created to record the delivery of items from your suppliers.

### **1.4.2 Acronyms**

- POSS – Point of Sale System
- GRN – Goods Receipt Note
- GUI – Graphical user interface
- SRS – Software Requirements Specification document
- UCD – Use Case Diagram
- TBD – To be determined
- N.A. – Not Available

## **2. Overall Description**

### **2.1 Product Functionality**

#### **2.1.1 Transactions Module:**

The Transactions Module provides facilities for the cashier and Administrator to record and manage customer orders. Including Add order, Cancel order, and Bill out.

#### **2.1.2 Customer Management**

Manage customer date like name, surname, address, e-mail, etc.

#### **2.1.3 Employee Management**

The Product module provides facilities for the administrator to Manage employee data like cashier numbers, mobile number, address, and passwords.

#### **2.1.4 Product Module:**

The Product module provides facilities for the administrator to manage the menu and item details. Including Add item, edit item, Delete item, and Create new account.

#### **2.1.5 Reports Module:**

The reports module provides facilities for the administrator to view sales report, view transactions log, view Customers Report, and view GRN report.

#### **2.1.6 Barcode Scanner Module:**

The Barcode Scanner Module provides facilities for cashier to scan the barcode from the product using a barcode scanner Android App.

### **2.2 End Users and Characteristics**

There are two types of user that interact with the system: Administrators and Cashier. Describe the characteristics of each user

#### **2.2.1 Administrator:**

The administrator is one of the two users of the system. In this case, the administrator is the operations manager of the shop. However, there can be more than one administrator. Other users can also become administrators if they are qualified and authorized. Administrators can access the administration module and the reports module.

They are permitted to add new item, edit, and update item details. Moreover, they are also allowed to generate sales report.

#### 2.2.2 Cashier:

The cashier is the second user of the system. The cashiers are responsible for the transactions made with the customers. Thus, they are limited to accessing transaction module only. They can view, add, edit, and cancel orders. They use the system for every transaction created.

### 2.3 System Stakeholders

The stakeholders in this system: -

1. Administrators.
2. Shop's owner.
3. Customers.
4. Cashier.

### 2.4 Operating Environment

The Environment of this software:

**Operating system:** Windows 10, Windows 11

**Java Version:** JDK 1.8, java 17.0.1 2021-10-19 LTS

**Netbeans version:** NetBeans IDE 8.2 (Build 201705191307), Apache NetBeans IDE 12.5

**Database Version:** MySQL Ver 8.0.27 for Win64 on x86\_64 (MySQL Community Server - GPL)

**Android Studio Version:** Android Studio Chipmunk | 2021.2.1 Patch 1

Build #AI-212.5712.43.2112.8609683, built on May 18, 2022

Runtime version: 11.0.12+7-b1504.28-7817840 amd64

VM: OpenJDK 64-Bit Server VM by Oracle Corporation

**Android Version:** Android 9.0 Pie

### 2.5 Software Development Model:

Iterative Waterfall Model

### **3. Specific Requirements**

#### **3.1 Functional Requirements**

##### **3.1.1 Barcode Scanning Android Application**

A Barcode scanner app will be used for scanning the product barcodes instead of a dedicated physical barcode scanner.

The application will have a view finder, a barcode number of product scanner, a pause and resume button for application.

##### **3.1.2 Selection between Cash- and Management System Area**

The user has the possibility to choose between the Cash-Area for selling processes and the Management- Area to manage the master data, depending on user rights.

##### **3.1.3 Management System**

###### **3.1.3.1 Employee Management**

Manage employee data like cashier numbers, rights, and passwords.

###### **3.1.3.2 Costumer Management**

Manage costumer date like name, mobile number, address, etc.

###### **3.1.3.3 Product Group Management**

Manage product group, like number, name, and profit margin.

###### **3.1.3.4 Sales**

Shows all sold articles with date, receipt number, cashier number, price of sale, sales discount, and transaction volume.

###### **3.1.3.5 Cashier**

Shows Cashier Information and Details.

##### **3.1.4 Sales**

###### **3.1.4.1 Cash Opening Entry**

After starting the cash, the user must enter the actual money paid in.

###### **3.1.4.2 Enter Customer Number**

If a costumer already has a costumer ID, the cashier can enter it for statistic purpose.

#### **3.1.4.3 Add New Customer**

If a customer does not have a customer ID, the cashier can assign a new one.

#### **3.1.4.4 Enter Product Group**

The cashier can choose between multiple product groups. After selecting one, he must enter the price and the entry is shown in a shopping basket list.

#### **3.1.4.5 Sales Discount**

Every entry in the shopping basket list can be selected to give sales discount.

#### **3.1.4.6 Finish Sales Process**

After every article is entered, the cashier can finish the sales process by asking the costumer to pay and printing the receipt.

## **3.2 Non-Functional Requirements (Software Quality Attributes)**

### **3.2.1 Reliability**

The following Requirements describe the expected reliability of the Operational Interface:

The operational interface shall have a Mean Time Between Failures of at least one month.

The mean time to repair depends on the failure. Small failures need to be fixed in about 30 minutes.

### **3.2.2 Performance**

#### **3.2.2.1 Response Time**

To prevent slowing down the selling process, the transactions need to be completed in less than a second.

#### **3.2.2.2 Capacity**

At the start there should be only one running system of the application, but it should be scalable for future use.

### **3.2.3 Availability**

The following Requirements describe the expected availability of the Operational Interface:

The operational interface shall be available approximately 92% of the time.

### **3.2.4 Security**

The software system needs a robust security mechanism in place so that unauthorized users are not allowed access to parts of the system.

All users of the system must be uniquely identified. This could be done by using a username and associated password scheme that would authenticate and authorize the user access to the system and, if applicable, grant the user access to restricted or controlled parts of the system.

### **3.2.5 Maintainability**

All source code and development related documents shall be controlled under a version control system.

## **4.1.5 Portability**

### **4.1.5.1 Hardware**

The System must be able to run on Low to Medium system performance machines. An Internet connection will be required for communicating between Android app and desktop application

### **4.1.5.2 Operating Systems**

Since the software must run on several popular hardware platforms and the goal is to achieve a reasonable level of platform independence

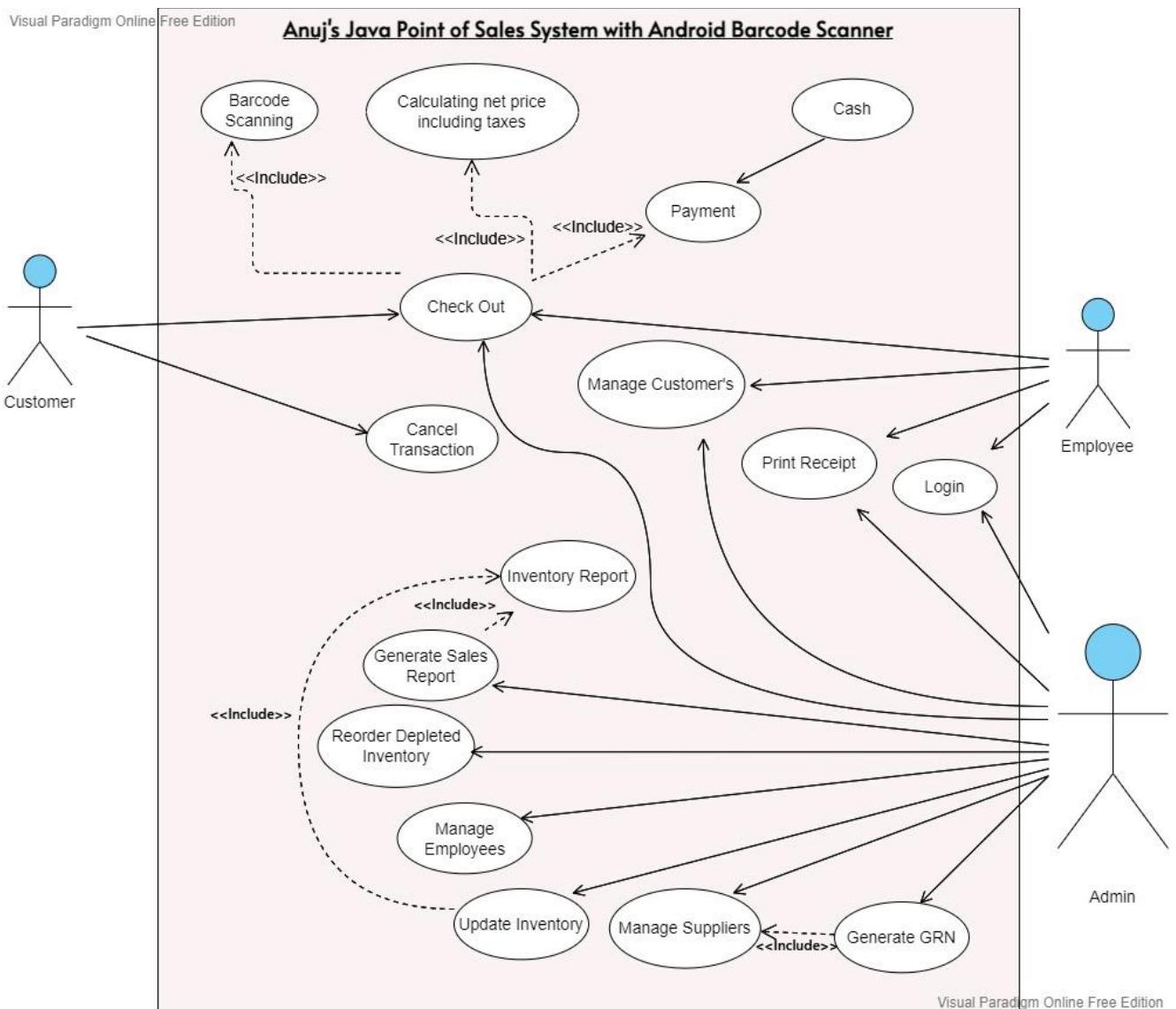
The system shall be compatible with the Microsoft Windows Operating System (Windows 10 or above) and Linux.

### **3.2.6 Usability**

The system's user interface intuitive, easy to use and provide an overall positive user experience. It does what the user expects it to do, Tell the user of its current state.

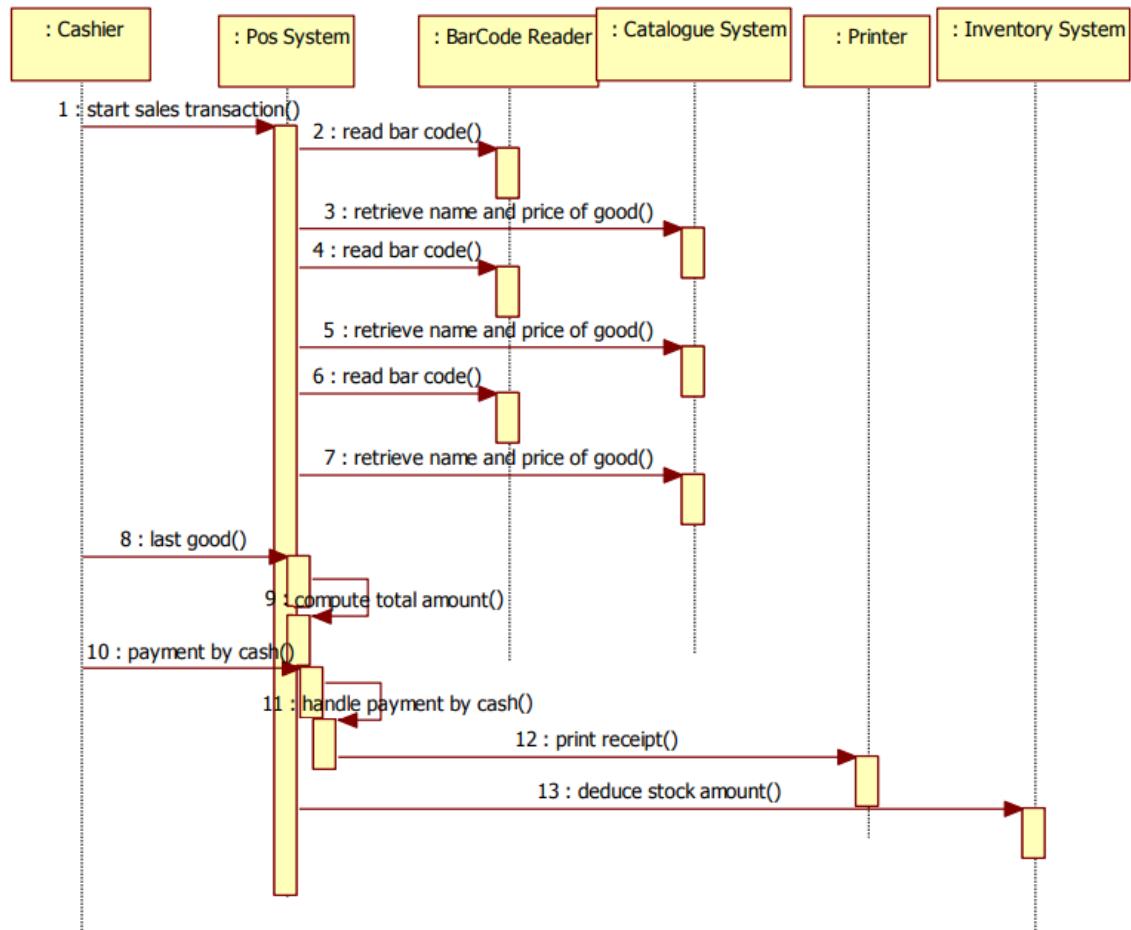
## 4. Design

### Use Case Diagram:



## Sequence Diagram:

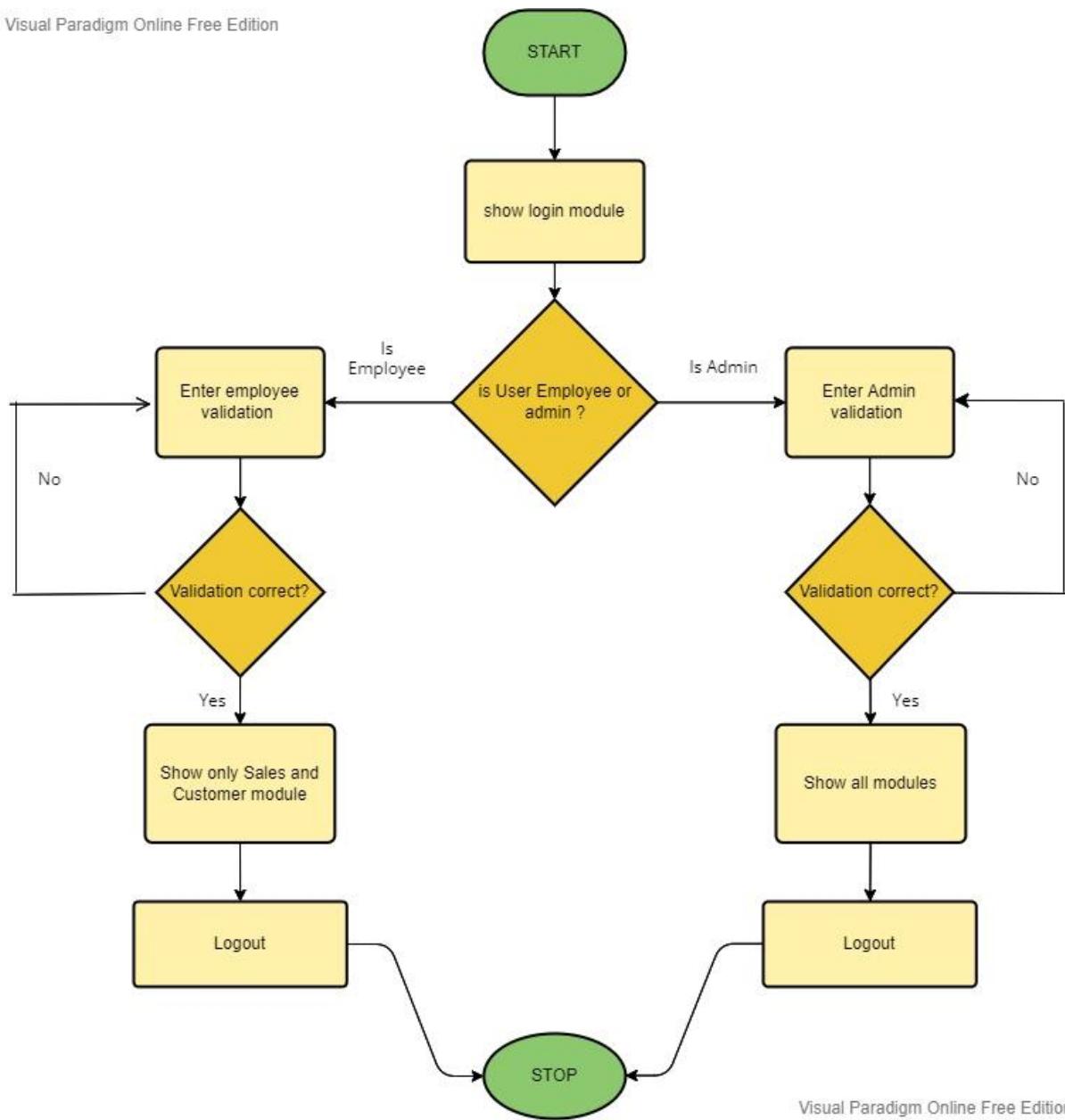
Sequence diagram with internals of POS System



## System Flowcharts:

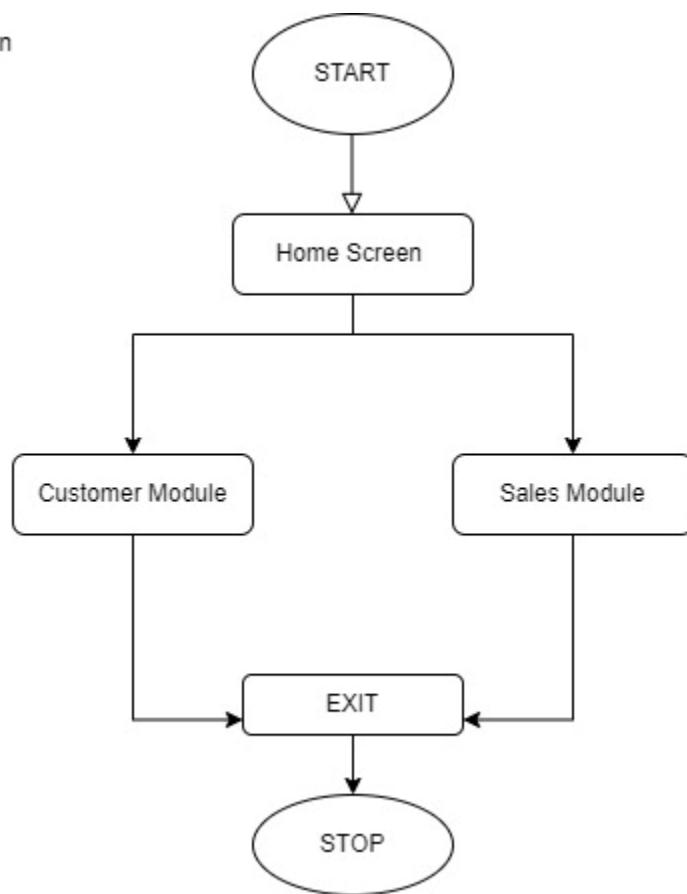
Login:

Visual Paradigm Online Free Edition

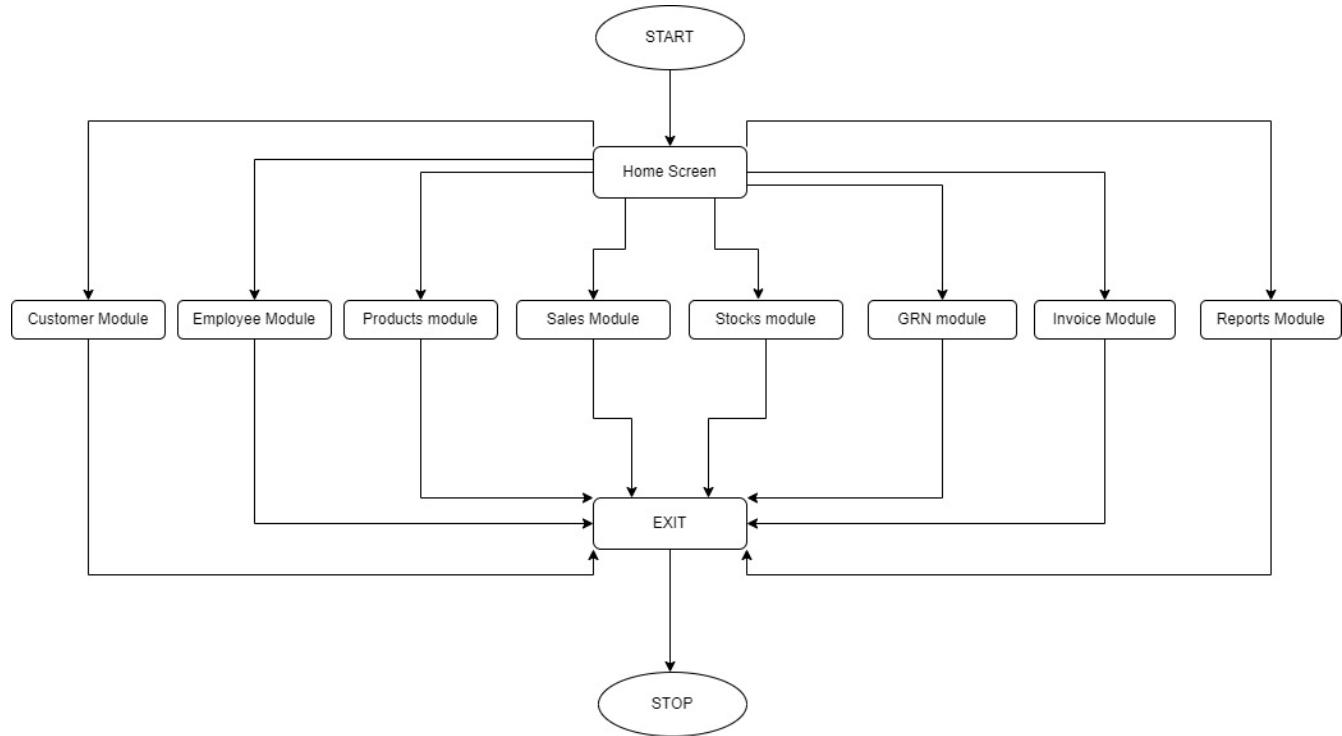


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### Employee Log In



### Admin Login



## Database Tables:

cart	
cartid	INT
INID	INT
Product_Name	VARCHAR(50)
Bar_code	VARCHAR(50)
qty	VARCHAR(20)
Unit_Price	VARCHAR(20)
Total_Price	VARCHAR(20)
Indexes	
PRIMARY	

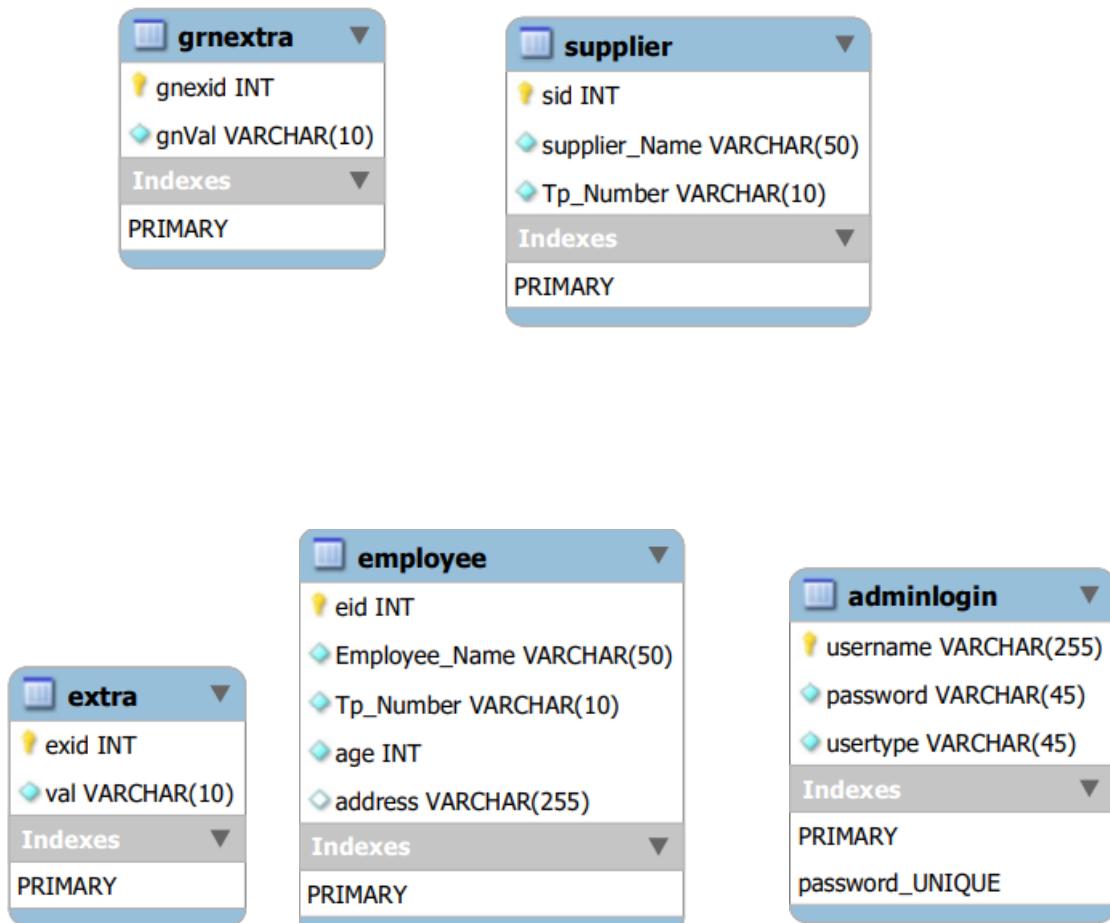
sales	
saleid	INT
INID	INT
Cid	INT
Customer_Name	VARCHAR(50)
Total_Qty	VARCHAR(10)
Total_Bill	VARCHAR(10)
Status	VARCHAR(10)
Balance	VARCHAR(10)
purchaseDate	DATETIME
Indexes	
PRIMARY	

customer	
cid	INT
customer_name	VARCHAR(50)
Tp_Number	VARCHAR(10)
email	VARCHAR(45)
city	VARCHAR(45)
address	VARCHAR(255)
Indexes	
PRIMARY	

product	
pid	INT
Product_Name	VARCHAR(50)
Bar_code	VARCHAR(20)
Price	VARCHAR(10)
Sell_price	VARCHAR(10)
Qty	VARCHAR(10)
Sid	INT
Supplier_Name	VARCHAR(150)
Indexes	
PRIMARY	

grn	
id	INT
GRN_NO	VARCHAR(15)
Sid	VARCHAR(5)
Barcode	VARCHAR(50)
Itm_Name	VARCHAR(45)
Qty	VARCHAR(10)
Cost_Price	VARCHAR(10)
Sell_Price	VARCHAR(10)
Delivery_Date	VARCHAR(15)
Sub_Total	VARCHAR(10)
Discount	VARCHAR(10)
Net_Total	VARCHAR(15)
Indexes	
PRIMARY	

monthlysales	
idmonthlySales	INT
totalSales	INT
salesMonth	VARCHAR(45)
Indexes	
PRIMARY	



## **Data Dictionary:**

Table name: cart

<b>Column</b>	<b>Data Type</b>	<b>Description</b>
cartid	INT	Primary Key for table
INID	INT	Invoice ID
Product_Name	VARCHAR(50)	Product Name
Bar_code	VARCHAR(50)	Barcode of the product
qty	VARCHAR(20)	Quantity of the product
Unit_Price	VARCHAR(20)	Unit price of the product
Total_Price	VARCHAR(20)	Total price of the cart

Table Name: sales

<b>Column</b>	<b>Data Type</b>	<b>Description</b>
Saleid	INT	Primary Key for table
INID	INT	Invoice ID
Cid	INT	Customer ID
Customer_Name	VARCHAR(50)	Customer Name
Total_Qty	VARCHAR(10)	Total Quantity
Total_Bill	VARCHAR(10)	Total Bill
Status	VARCHAR(10)	Status (Paid,Unpaid,Partial)
Balance	VARCHAR(10)	Balance
purchaseDate	DATETIME	Purchase Date

Table Name: monthlysales

<b>Column</b>	<b>Data Type</b>	<b>Description</b>
idmonthlySales	INT	Primary Key for table
totalSales	INT	Total Sales for the Month
salesMonth	VARCHAR(45)	Month of the Sales

Table Name: extra

Column	Data Type	Description
Exid	INT	Primary Key for table
Val	VARCHAR(10)	Value

Table Name: grn

Column	Data Type	Description
Id	INT	Primary Key for table
GRN_NO	VARCHAR(15)	GRN Number
Sid	VARCHAR(5)	Seller ID
Barcode	VARCHAR(50)	Product Barcode
Itm_Name	VARCHAR(45)	Product Name
Qty	VARCHAR(10)	Quantity
Cost_Price	VARCHAR(10)	Cost Price
Sell_Price	VARCHAR(10)	Selling Price
Delivery_Date	VARCHAR(15)	Date of Delivery
Sub_Total	VARCHAR(10)	Sub Total
Discount	VARCHAR(10)	Discount Amount
Net_Total	VARCHAR(15)	Grand Total

Table Name: product

Column	Data Type	Description
Pid	INT	Primary Key for Table
Product_Name	VARCHAR(50)	Product Name
Bar_code	VARCHAR(20)	Product Barcode
Price	VARCHAR(10)	Product Price
Sell_price	VARCHAR(10)	Selling price of Product
Qty	VARCHAR(10)	Quantity of product
Sid	INT	Seller ID
Supplier_Name	VARCHAR(10)	Supplier Name

**Table Name:** grnextra

<b>Column</b>	<b>Data Type</b>	<b>Description</b>
Gnexid	INT	Primary Key for table
gnVal	VARCHAR(10)	GRN invoice value

**Table Name:** supplier

<b>Column</b>	<b>Data type</b>	<b>Description</b>
Sid	INT	Primary key for table
supplier_Name	VARCHAR(50)	Seller Name
Tp_Number	VARCHAR(10)	Seller Mobile Number

**Table Name:** employee

<b>Column</b>	<b>Data type</b>	<b>Description</b>
Eid	INT	Primary Key for table
Employee_Name	VARCHAR(50)	Employee Name
Tp_Number	VARCHAR(10)	Employee Mobile Number
Age	INT	Employee Age
address	VARCHAR(255)	Employee Address

**Table Name:** adminlogin

<b>Column</b>	<b>Data type</b>	<b>Description</b>
username	VARCHAR(255)	Primary Key for table
password	VARCHAR(45)	password
usertype	VARCHAR(45)	User Type(Admin, employee)

## 5. Coding

### Home.java

```
package pos.pro;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.net.InetAddress;
import java.net.URL;
import java.net.UnknownHostException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.Timer;
import javax.swing.UIManager;
public class Home extends javax.swing.JFrame {
    JPanelLoader jupload = new JPanelLoader();
    public Home() {
        initComponents();
        dt();
        Times();
        this.setExtendedState(Home.MAXIMIZED_BOTH);
        try{
            //To Check the ip address of the machine
            InetAddress localhost = InetAddress.getLocalHost();
            ipLabel.setText("IP Address : "+localhost.getHostAddress());
        } catch (UnknownHostException ex){
            Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);}}
```

```
public void dt(){
    Date d = new Date();
    SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
    String dd = sdf.format(d);
    l_date.setText(dd);}

    Timer t;
    SimpleDateFormat sf;
    public void Times(){
        t = new Timer(0, new ActionListener(){
            @Override
            public void actionPerformed(ActionEvent e) {
                Date dt = new Date();
                sf = new SimpleDateFormat("hh:mm:ss a");
                String tt = sf.format(dt);
                l_time.setText(tt);}
        });
        t.start();}
```

```
@SuppressWarnings("unchecked")
private void initComponents() {
```

```

home_bnt_grp = new javax.swing.ButtonGroup();
jPanel1 = new javax.swing.JPanel();
jToggleButton6 = new javax.swing.JToggleButton();
jToggleButton7 = new javax.swing.JToggleButton();
jLabel5 = new javax.swing.JLabel();
jToggleButton8 = new javax.swing.JToggleButton();
jToggleButton9 = new javax.swing.JToggleButton();
panel_load = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();
ipLabel = new javax.swing.JLabel();
jPanel3 = new javax.swing.JPanel();
jLabel2 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
l_date = new javax.swing.JLabel();
l_time = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Anuj's Java Point of Sales");
jPanel1.setBorder(javax.swing.BorderFactory.createEtchedBorder());
home_bnt_grp.add(jToggleButton1);
jToggleButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jToggleButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/customer.png"))); // NOI18N
NOI18N
jToggleButton1.setText("Customers");
jToggleButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton1ActionPerformed(evt); });
    home_bnt_grp.add(jToggleButton2);
    jToggleButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/supplier.png"))); // NOI18N
    NOI18N
    jToggleButton2.setText("supplier");
    jToggleButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton2ActionPerformed(evt);
        }
    });
    home_bnt_grp.add(jToggleButton3);
    jToggleButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/product.png"))); // NOI18N
    NOI18N
    jToggleButton3.setText("Product");
    jToggleButton3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton3ActionPerformed(evt);
        }
    });
    home_bnt_grp.add(jToggleButton4);

```

```

jToggleButton4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jToggleButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/emp.png"))); // NOI18N
jToggleButton4.setText("employee");
jToggleButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton4ActionPerformed(evt);
    }
});
home_bnt_grp.add(jToggleButton5);
jToggleButton5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jToggleButton5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/sales_menu.png")));
// NOI18N
jToggleButton5.setText("Sales");
jToggleButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton5ActionPerformed(evt);
    }
});
home_bnt_grp.add(jToggleButton6);
jToggleButton6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jToggleButton6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/invo.png"))); // NOI18N
jToggleButton6.setText("Invoice");
jToggleButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton6ActionPerformed(evt);
    }
});
home_bnt_grp.add(jToggleButton7);
jToggleButton7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jToggleButton7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/reports.png"))); // NOI18N
jToggleButton7.setText("Reports");
jToggleButton7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton7ActionPerformed(evt);
    }
});
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/software-engineer.png"))); // NOI18N
jLabel5.setText("Admin Login");
home_bnt_grp.add(jToggleButton8);
jToggleButton8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jToggleButton8.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/invo.png"))); // NOI18N
jToggleButton8.setText("Stock");

```

```

jToggleButton8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton8ActionPerformed(evt);
    }
});
home_bnt_grp.add(jToggleButton9);
jToggleButton9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jToggleButton9.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/invo.png"))); // NOI18N
jToggleButton9.setText("GRN");
jToggleButton9.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jToggleButton9ActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addContainerGap(20, Short.MAX_VALUE))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()))
);
panel_load.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/point-of-sale (1).png"))); // NOI18N
jLabel1.setText("Welcome TO Java Point of Sales System. ");
ipLabel.setFont(new java.awt.Font("Arial", 1, 24)); // NOI18N
.ipLabel.setContainerGap();
);
panel_loadLayout.setVerticalGroup(
    panel_loadLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(panel_loadLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(ipLabel, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(26, 26, 26)))
);
jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel2.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N

```

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```

jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setText("Date :");
jLabel3.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel3.setText("Time :");
l_date.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N
l_date.setText("Current date");
l_time.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N
l_time.setText("current time");
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
        )
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 0, Short.MAX_VALUE)
);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
        )
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 0, Short.MAX_VALUE)
);
);
pack();
}// </editor-fold>
private void jToggleButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    customer cus = new customer();
    jpload.jPanelLoader(panel_load, cus);
}
private void jToggleButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    supplier sp = new supplier();
    jpload.jPanelLoader(panel_load, sp);
}
private void jToggleButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    employee emp =new employee();
    jpload.jPanelLoader(panel_load, emp);
}
private void jToggleButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // pro load
    product pro =new product();
    jpload.jPanelLoader(panel_load, pro);
}
private void jToggleButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    sale sl = new sale();
    jpload.jPanelLoader(panel_load, sl);
}
private void jToggleButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    Invoice inv = new Invoice();
    jpload.jPanelLoader(panel_load, inv);
}

```

```

private void jToggleButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    reports rp = new reports();
    jupload.JPanelLoader(panel_load, rp);}
private void jToggleButton8ActionPerformed(java.awt.event.ActionEvent evt) {
Stock st = new Stock();
    jupload.JPanelLoader(panel_load, st); }
private void jToggleButton9ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Grn st = new Grn();
    jupload.JPanelLoader(panel_load, st);
}
public static void main(String args[]) {
    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(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
}
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new Home().setVisible(true);}});
try {
    UIManager.setLookAndFeel("com.sun.java.swing.plaf.windows.WindowsLookAndFeel");
} catch (Exception ex) {
    ex.printStackTrace();}}
// Variables declaration - do not modify
private javax.swing.ButtonGroup home_bnt_grp;
private javax.swing.JToggleButton jToggleButton5;
private javax.swing.JToggleButton jToggleButton6;
private javax.swing.JToggleButton jToggleButton7;
private javax.swing.JToggleButton jToggleButton8;
private javax.swing.JToggleButton jToggleButton9;
private javax.swing.JLabel l_date;
private javax.swing.JLabel l_time;
public javax.swing.JPanel panel_load;
// End of variables declaration
}

```

## customer.java

```
package pos.pro;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Vector;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
/**
 *
 * @author Anuj
 */
public class customer extends javax.swing.JPanel {
    public customer() {
        initComponents();
        tb_load();
    }
    public void tb_load(){
        try {
            DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
            dt.setRowCount(0);
            Statement s = db.mycon().createStatement();
            ResultSet rs = s.executeQuery(" SELECT * FROM customer");
            while (rs.next()) {
                Vector v = new Vector();
                v.add(rs.getString(1));
                v.add(rs.getString(2));
                v.add(rs.getString(3));
                dt.addRow(v);
            }
        } catch (SQLException e) {
            System.out.println(e);
        }
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jPanel1 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        c_name = new javax.swing.JTextField();
        c_tp = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jLabel6 = new javax.swing.JLabel();
        jLabel7 = new javax.swing.JLabel();
        email = new javax.swing.JTextField();
        city = new javax.swing.JTextField();
        jLabel8 = new javax.swing.JLabel();
    }
}
```

```

jScrollPane2 = new javax.swing.JScrollPane();
address = new javax.swing.JTextArea();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jPanel3 = new javax.swing.JPanel();
jLabel3 = new javax.swing.JLabel();
c_search = new javax.swing.JTextField();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
c_search_tbl = new javax.swing.JTextField();
jPanel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);}});
jButton3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/search_x30.png"))); // NOI18N
jButton3.setText("Search");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);}});
jButton4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/save.png"))); // NOI18N
jButton4.setText("Save");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);}});
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Email Address:");
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("City : ");
email.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
city.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setText("Address : ");
address.setColumns(20);
address.setRows(5);
jScrollPane2.setViewportView(address);
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(52, 52, 52)
            .addComponent(jLabel11)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(c_name, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, javax.swing.GroupLayout.PREFERRED_SIZE))
    )
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(52, 52, 52)
            .addComponent(jLabel11)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(c_name, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, javax.swing.GroupLayout.PREFERRED_SIZE))
    )
);

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        .addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel2)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(c_tp, javax.swing.GroupLayout.PREFERRED_SIZE, 222,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jButton4)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jButton3)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jButton2)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jButton1))
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                    false)
                    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
                        jPanel2Layout.createSequentialGroup()
                            .addComponent(jLabel6)
                            .addGroup(jPanel2Layout.createSequentialGroup()
                                .addGap(18, 18, 18)
                                .addComponent(email, javax.swing.GroupLayout.PREFERRED_SIZE, 222,
                                    javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(jPanel2Layout.createSequentialGroup()
                                .addGap(18, 18, 18)
                                .addGroup(jPanel2Layout.createSequentialGroup()
                                    .addComponent(jPanel2Layout.createSequentialGroup()
                                        .addComponent(jLabel7)
                                        .addComponent(jLabel8)
                                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
                                            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                        .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
                                            false)
                                            .addGroup(jPanel2Layout.createSequentialGroup()
                                                .addComponent(city, javax.swing.GroupLayout.DEFAULT_SIZE, 222,
                                                    Short.MAX_VALUE)
                                                .addComponent(jPanel2Layout.createSequentialGroup()
                                                    .addComponent(jScrollPane2))))))))
                            .addGroup(jPanel2Layout.createSequentialGroup()
                                .addGap(18, 18, 18)
                                .addComponent(jPanel2Layout.setVerticalGroup(
                                    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                        .addComponent(jPanel2Layout.createSequentialGroup()
                                            .addComponent(jLabel2)
                                            .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                                                .addComponent(jButton4)
                                                .addComponent(jButton3)
                                                .addComponent(jButton2)
                                                .addComponent(jButton1))))))
                            .addGroup(jPanel2Layout.createSequentialGroup()
                                .addGap(18, 18, 18)
                                .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                                    .addComponent(jLabel2)
                                    .addComponent(jPanel2Layout.createSequentialGroup()
                                        .addComponent(jButton4)
                                        .addComponent(jButton3)
                                        .addComponent(jButton2)
                                        .addComponent(jButton1)))))))
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addGap(18, 18, 18)
                        .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                            .addComponent(jLabel2)
                            .addComponent(jPanel2Layout.createSequentialGroup()
                                .addComponent(jButton4)
                                .addComponent(jButton3)
                                .addComponent(jButton2)
                                .addComponent(jButton1)))))))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(jLabel2)
                        .addComponent(jPanel2Layout.createSequentialGroup()
                            .addComponent(jButton4)
                            .addComponent(jButton3)
                            .addComponent(jButton2)
                            .addComponent(jButton1)))))))
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jLabel2)
                    .addComponent(jPanel2Layout.createSequentialGroup()
                        .addComponent(jButton4)
                        .addComponent(jButton3)
                        .addComponent(jButton2)
                        .addComponent(jButton1)))))))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel2)
                .addComponent(jPanel2Layout.createSequentialGroup()
                    .addComponent(jButton4)
                    .addComponent(jButton3)
                    .addComponent(jButton2)
                    .addComponent(jButton1)))))))
    );

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.addGap(101, 101, 101))
);
jTable1.setModel(new javax.swing.table.DefaultTableModel(
new Object [][] {
{null, null, null},
{null, null, null},
{null, null, null},
{null, null, null},
{null, null, null}},
new String [] {
"ID", "Customer Name", "Mobile Number"
})
);
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
public void mouseClicked(java.awt.event.MouseEvent evt) {
jTable1MouseClicked(evt);
}
});
jScrollPane1.setViewportView(jTable1);
jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Search ID :");
c_search.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_search.setText("0");
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("Customers Info :");
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel3)
.addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
).addGap(36, 36, 36)
.addComponent(jLabel4)
.addComponent(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel4)
.addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
).addGap(0, 0, Short.MAX_VALUE)
);
jPanel3Layout.setVerticalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel3)
.addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
).addGap(36, 36, 36)
.addComponent(jLabel4)
.addComponent(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel4)
.addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
).addGap(0, 0, Short.MAX_VALUE)
);
);
jPanel3Layout.setVerticalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel4)
.addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
).addGap(44, 44, 44)
.addComponent(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel4)
.addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
).addGap(0, 0, Short.MAX_VALUE)
);
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel3)
.addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
);
);

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        .addContainerGap())
    );
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/search_x30.png"))); // NOI18N
jLabel5.setText("Search :");
c_search_tbl.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_search_tbl.setText("0");
c_search_tbl.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        c_search_tblKeyReleased(evt);}});
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 8, Short.MAX_VALUE)
    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(0, 2, Short.MAX_VALUE))
);
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(this);
this.setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addContainerGap())
);
}// </editor-fold>
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    String name = c_name.getText();
    String tp = c_tp.getText();
    String email_address = email.getText();
    String city_name = city.getText();
    String customer_address = address.getText();
    try {
        Statement s = db.mycon().createStatement();
        s.executeUpdate(" INSERT INTO customer (customer_name,Tp_Number,email,city,address) VALUES ("+name+","+tp+","+email_address+","+city_name+","+customer_address+")");
        JOptionPane.showMessageDialog(null, "Data saved");
    }
}

```

```

} catch (SQLException e) {
    System.out.println(e);
    tb_load();
}
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // search btn code
    String search = c_search.getText();
    try {
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery(" SELECT * FROM customer WHERE cid = '"+search+"'");
        if (rs.next()) {
            c_name.setText(rs.getString("customer_name"));
            c_tp.setText(rs.getString("Tp_Number"));
        }
    } catch (SQLException e) {
        System.out.println(e);
    }
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // update btn code
    String name = c_name.getText();
    String tp = c_tp.getText();
    String id = c_search.getText();
    String cust_email = email.getText();
    String cust_city = city.getText();
    String cust_address = address.getText();
    try {
        Statement s = db.mycon().createStatement();
        s.executeUpdate(" UPDATE customer SET customer_name ='" +name+"',Tp_Number ='" +tp+"',email ='" +cust_email+"',city ='" +cust_city+"',address ='" +cust_address+"' WHERE cid = '" +id+"'");
        JOptionPane.showMessageDialog(null, "Data Updated");
    } catch (Exception e) {
        System.out.println(e);
        tb_load();
        c_name.setText("");
        c_tp.setText("");
        email.setText("");
        city.setText("");
        address.setText("");
    }
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    //delete btn code
    String id = c_search.getText();
    try {
        Statement s = db.mycon().createStatement();
        s.executeUpdate("DELETE FROM customer WHERE cid = '" +id+"'");
        JOptionPane.showMessageDialog(null, "Dtata Deleted");
    } catch (SQLException e) {
        System.out.println(e);
    }
    tb_load();
}
private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {

```

```

// mouse clk & get data to textfeld
int r = jTable1.getSelectedRow();
String id = jTable1.getValueAt(r, 0).toString();
String name = jTable1.getValueAt(r, 1).toString();
String tp = jTable1.getValueAt(r, 2).toString();
c_search.setText(id);
c_name.setText(name);
c_tp.setText(tp);
}
private void c_search_tblKeyReleased(java.awt.event.KeyEvent evt) {
    String name = c_search_tbl.getText();
    try {
        DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
        dt.setRowCount(0);
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM customer WHERE customer_name LIKE '%" + name + "%' ");
        while (rs.next()) {
            Vector v = new Vector();
            v.add(rs.getString(1));
            v.add(rs.getString(2));
            v.add(rs.getString(3));
            dt.addRow(v); }
    } catch (Exception e) {
        tb_load();}}
// Variables declaration - do not modify
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTable jTable1;
// End of variables declaration
}

```

## supplier.java

```
package pos.pro;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Vector;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
/**
 *
 * @author Anuj
 */
public class supplier extends javax.swing.JPanel {
    public supplier() {
        initComponents();
        tb_load();
    }
    public void tb_load(){
        try {
            DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
            dt.setRowCount(0);
            Statement s = db.mycon().createStatement();
            ResultSet rs = s.executeQuery(" SELECT * FROM supplier");
            while (rs.next()) {
                Vector v = new Vector();
                v.add(rs.getString(1));
                v.add(rs.getString(2));
                v.add(rs.getString(3));
                dt.addRow(v);
            }
        } catch (SQLException e) {
            System.out.println(e);
        }
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jPanel1 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        c_name = new javax.swing.JTextField();
        c_tp = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jScrollPane1 = new javax.swing.JScrollPane();
        jTable1 = new javax.swing.JTable();
        jPanel3 = new javax.swing.JPanel();
        jLabel3 = new javax.swing.JLabel();
        c_search = new javax.swing.JTextField();
    }
}
```

```

jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
c_search_tbl = new javax.swing.JTextField();
jPanel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel1.setText("Name :");
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setText("Mobile Number :");
c_name.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_name.setText("0");
c_tp.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_tp.setText("0");
jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/delete.png"))); // NOI18N
jButton1.setText("Delete");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/update.png"))); // NOI18N
jButton2.setText("Update");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
jButton3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/search_x30.png"))); // NOI18N
jButton3.setText("Search");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
jButton4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/save.png"))); // NOI18N
jButton4.setText("Save");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
);

```

```

jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(36, 36, 36)
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1)
            .addComponent(c_name, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2)
            .addComponent(c_tp, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton4)
            .addComponent(jButton3)
            .addComponent(jButton2)
            .addComponent(jButton1)))
        .addContainerGap(36, Short.MAX_VALUE))
);
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null},
        {null, null, null},
        {null, null, null},
        {null, null, null}
    },
    new String [] {
        "ID", "Supplier Name", "Mobile Number"
    }
));
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jTable1MouseClicked(evt);
    }
});
jScrollPane1.setViewportView(jTable1);
jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Search ID :");
c_search.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_search.setText("0");
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("supplier Info :");
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

.addGroup(jPanel3Layout.createSequentialGroup()
    .addGap(36, 36, 36)
    .addComponent(jLabel3)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE) 222,
    javax.swing.GroupLayout.PREFERRED_SIZE)
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
.addGroup(jPanel3Layout.createSequentialGroup()
    .addComponent(jLabel4)
    .addGap(0, 0, Short.MAX_VALUE))
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel3Layout.createSequentialGroup()
        .addComponent(jLabel4)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 44, Short.MAX_VALUE)
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap())
    );
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setText("Search :");
c_search_tbl.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_search_tbl.setText("0");
c_search_tbl.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        c_search_tblKeyReleased(evt);
    }
});
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(11, 11, 11)
            .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(11, 11, 11)
            .addComponent(jPanel1Layout.createSequentialGroup()
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jPanel1Layout.createSequentialGroup()
                        .addComponent(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(layout, javax.swing.GroupLayout.DEFAULT_SIZE,
                                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jPanel1Layout.createSequentialGroup()
                                .addComponent(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                )
                                .addComponent(layout.setVerticalGroup()
                            )));
                .addContainerGap()
            ).addContainerGap())
        );
    );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(this);
    this.setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(11, 11, 11)
                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()
                .addGap(11, 11, 11)
                .addComponent(jPanel1Layout.createSequentialGroup()
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(layout, javax.swing.GroupLayout.DEFAULT_SIZE,
                                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jPanel1Layout.createSequentialGroup()
                                .addComponent(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                )
                                .addComponent(layout.setVerticalGroup()
                            )));
                    .addContainerGap()
                ).addContainerGap())
            );
        );
    );

```

```

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGap(10, 10, 10)
            .addComponent(c_name, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(10, 10, 10)
            .addComponent(c_tp, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(10, 10, 10)
            .addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(10, 10, 10)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(10, 10, 10)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(10, 10, 10)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(10, 10, 10)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
    );
}

// </editor-fold>
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    String name = c_name.getText();
    String tp = c_tp.getText();
    try {
        Statement s = db.mycon().createStatement();
        s.executeUpdate(" INSERT INTO supplier (supplier_Name,Tp_Number) VALUES ('"+name+"','"+tp+"')");
        JOptionPane.showMessageDialog(null, "Dtata saved");
    } catch (SQLException e) {
        System.out.println(e);
    }
    tb_load();
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // search btn code
    String search = c_search.getText();
    try {
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery(" SELECT * FROM supplier WHERE sid = '"+search+"'");
        if (rs.next()) {
            c_name.setText(rs.getString("supplier_Name"));
            c_tp.setText(rs.getString("Tp_Number"));
        }
    } catch (SQLException e) {
        System.out.println(e);
    }
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // update btn code
    String name = c_name.getText();
    String tp = c_tp.getText();
    String id = c_search.getText();
    try {
        Statement s = db.mycon().createStatement();
        s.executeUpdate(" UPDATE supplier SET supplier_Name ='"+name+"',Tp_Number ='"+tp+"' WHERE sid = '"+id+"'");
        JOptionPane.showMessageDialog(null, "Dtata Updated");
    } catch (Exception e) {
        System.out.println(e);
    }
    tb_load();
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    //delete btn code
    String id = c_search.getText();
    try {
        Statement s = db.mycon().createStatement();
        s.executeUpdate("DELETE FROM supplier WHERE sid = '"+id+"'");
        JOptionPane.showMessageDialog(null, "Dtata Deleted");
    }
}

```

```

} catch (SQLException e) {
    System.out.println(e);
}
tb_load();
}

private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
    // mouse clk & get data to textfeld
    int r = jTable1.getSelectedRow();
    String id = jTable1.getValueAt(r, 0).toString();
    String name = jTable1.getValueAt(r, 1).toString();
    String tp = jTable1.getValueAt(r, 2).toString();
    c_search.setText(id);
    c_name.setText(name);
    c_tp.setText(tp);}
private void c_search_tblKeyReleased(java.awt.event.KeyEvent evt) {
    String name = c_search_tbl.getText();
    try {
        DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
        dt.setRowCount(0);
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM supplier WHERE supplier_Name LIKE '%" + name + "%' ");
        while (rs.next()) {
            Vector v = new Vector();
            v.add(rs.getString(1));
            v.add(rs.getString(2));
            v.add(rs.getString(3));
            dt.addRow(v);
        }
    } catch (Exception e) {
        tb_load(); }}
```

// Variables declaration - do not modify

```

private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
// End of variables declaration
}
```

## **employee.java**

```
package pos.pro;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Random;
import java.util.Vector;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
/***
 *
 * @author Anuj
 */
public class employee extends javax.swing.JPanel {
    public employee() {
        initComponents();
        tb_load();
    }
    public void tb_load() {
        try {
            DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
            dt.setRowCount(0);
            Statement s = db.mycon().createStatement();
            ResultSet rs = s.executeQuery(" SELECT * FROM employee");
            while (rs.next()) {
                Vector v = new Vector();
                v.add(rs.getString(1));
                v.add(rs.getString(2));
                v.add(rs.getString(3));
                v.add(rs.getString(4));
                v.add(rs.getString(5));
                dt.addRow(v);}
        } catch (SQLException e) {
            System.out.println(e);}
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jPanel1 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        c_name = new javax.swing.JTextField();
        c_tp = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jLabel6 = new javax.swing.JLabel();
        jLabel7 = new javax.swing.JLabel();
    }
}
```

```

jLabel8 = new javax.swing.JLabel();
c_age = new javax.swing.JTextField();
jScrollPane2 = new javax.swing.JScrollPane();
jTextArea1 = new javax.swing.JTextArea();
c_pass = new javax.swing.JPasswordField();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jPanel3 = new javax.swing.JPanel();
jLabel3 = new javax.swing.JLabel();
c_search = new javax.swing.JTextField();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
c_search_tbl = new javax.swing.JTextField();
jPanel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel1.setText("Name :");
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setText("Mobile Number :");
c_name.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_tp.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_tp.setText("0");
jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/delete.png"))); // NOI18N
jButton1.setText("Delete");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);    }
    });
jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/update.png"))); // NOI18N
jButton2.setText("Update");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);    }
    });
jButton3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/search_x30.png"))); // NOI18N
jButton3.setText("Search");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);    }
    });
jButton4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/save.png"))); // NOI18N
jButton4.setText("Save");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);    }
    });
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Password :");
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

```

```

jLabel7.setText("Age :");
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setText("Address :");
c_age.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_age.setText("0");
jTextArea1.setColumns(20);
jTextArea1.setFont(new java.awt.Font("Monospaced", 1, 13)); // NOI18N
jTextArea1.setRows(5);
jScrollPane2.setViewportView(jTextArea1);
c_pass.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(c_tp, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(c_pass, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(c_age, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(18, 18, 18)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)
            .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton7, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton8, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton9, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
    )
);
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null}
    },
    new String [] {
        "ID", "Employee Name", "Mobile Number", "Age", "Address"
    }
));

```

```

));
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jTable1MouseClicked(evt);
    }
});
jScrollPane1.setViewportView(jTable1);
jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Search ID :");
c_search.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_search.setText("0");
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("employee Info :");
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addGap(10, 10, 10)
            .addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(c_search, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
);
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/search_x30.png"))); // NOI18N
jLabel5.setText("Search :");
c_search_tbl.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_search_tbl.setText("0");
c_search_tbl.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        c_search_tblKeyReleased(evt);
    }
});
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel5)
            .addGap(10, 10, 10)
            .addComponent(c_search_tbl, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
);

```

```

.addContainerGap()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jLabel5)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addComponent(c_search_tbl, javax.swing.GroupLayout.PREFERRED_SIZE, 222,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 345, Short.MAX_VALUE))
.addComponent(jScrollPane1))
.addContainerGap())
);
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(this);
this.setLayout(layout);
layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE, Short.MAX_VALUE)
);
layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(layout.createSequentialGroup()
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE, Short.MAX_VALUE)
.addContainerGap())
);
}// </editor-fold>
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
String name = c_name.getText();
String tp = c_tp.getText();
String pass = c_pass.getText();
String age = c_age.getText();
String addr = jTextArea1.getText();
String usertype = "employee";
try {
Statement s = db.mycon().createStatement();
s.executeUpdate(" INSERT INTO employee (Employee_Name,Tp_Number,age,address ) VALUES ('" + name
+ "','" + tp + "','" + age + "','" + addr + "')");
s.executeUpdate(" INSERT INTO adminlogin (username,password,usertype) VALUES ('" + name + "','" + pass
+ "','" + usertype + "')");
JOptionPane.showMessageDialog(null, "Data saved");
} catch (SQLException e) {
}

```

```

        System.out.println(e);      }
        tb_load();
    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // search btn code
        String search = c_search.getText();
        try {
            Statement s = db.mycon().createStatement();
            ResultSet rs = s.executeQuery(" SELECT * FROM employee WHERE eid = '" + search + "'");
            if (rs.next()) {
                c_name.setText(rs.getString("Employee_Name"));
                c_tp.setText(rs.getString("Tp_Number"));
            }
        } catch (SQLException e) {
            System.out.println(e);
        }
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // update btn code
        String name = c_name.getText();
        String tp = c_tp.getText();
        String id = c_search.getText();
        String passwd = c_pass.getText();
        try {
            Statement s = db.mycon().createStatement();
            s.executeUpdate(" UPDATE employee SET Employee_Name ='" + name + "',Tp_Number ='" + tp + "' WHERE
eid = '" + id + "' ");
            if(c_pass.getText().isEmpty() == false){
                s.executeUpdate(" UPDATE adminlogin SET password ='" + passwd + "' WHERE username = '" + name + "' ");
            }
            JOptionPane.showMessageDialog(null, "Data Updated");
        } catch (Exception e) {
            System.out.println(e);
        }
        tb_load();
    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        //delete btn code
        String id = c_search.getText();
        String user = c_name.getText();
        try {
            Statement s = db.mycon().createStatement();
            s.executeUpdate("DELETE FROM employee WHERE eid = '" + id + "'");
            s.executeUpdate("DELETE FROM adminlogin WHERE username = '" + user + "'");
            JOptionPane.showMessageDialog(null, "Data Deleted");
        } catch (SQLException e) {
            System.out.println(e);
        }
        tb_load();
    }

    private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
        // mouse clk & get data to textfeld
        int r = jTable1.getSelectedRow();

```

```

String id = jTable1.getValueAt(r, 0).toString();
String name = jTable1.getValueAt(r, 1).toString();
String tp = jTable1.getValueAt(r, 2).toString();
String age = jTable1.getValueAt(r, 3).toString();
String address = jTable1.getValueAt(r, 4).toString();
c_search.setText(id); //Search id
c_name.setText(name); //name
c_tp.setText(tp); //mobile number
c_age.setText(age); //Age
jTextArea1.setText(address); //Address}
private void c_search_tblKeyReleased(java.awt.event.KeyEvent evt) {
    String name = c_search_tbl.getText();
    try {
        DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
        dt.setRowCount(0);
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM employee WHERE Employee_Name LIKE '%" + name +
        "%' ");
        while (rs.next()) {
            Vector v = new Vector();
            v.add(rs.getString(1));
            v.add(rs.getString(2));
            v.add(rs.getString(3));
            v.add(rs.getString(4));
            v.add(rs.getString(5));
            dt.addRow(v);
        }
    } catch (Exception e) {
        tb_load();
    }
}
private javax.swing.JTextField c_age;
private javax.swing.JTextField c_name;
private javax.swing.JPasswordField c_pass;
private javax.swing.JTextField c_search;
private javax.swing.JTextField c_search_tbl;
private javax.swing.JTextField c_tp;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTable jTable1;
private javax.swing.JTextArea jTextArea1;
// End of variables declaration
}

```

## product.java

```
package pos.pro;
import java.awt.HeadlessException;
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.net.ServerSocket;
import java.net.Socket;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.DefaultComboBoxModel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
/***
 *
 * @author Anuj
 */
public class product extends javax.swing.JPanel {
    public product() {
        initComponents();
        tb_load();
        supplier_load();
    }
    public void tb_load(){
        try {
            DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
            dt.setRowCount(0);
            Statement s = db.mycon().createStatement();
            ResultSet rs = s.executeQuery(" SELECT * FROM product");
            while (rs.next()) {
                Vector v = new Vector();
                v.add(rs.getString(1));
                v.add(rs.getString(2));
                v.add(rs.getString(3));
                v.add(rs.getString(4));
                v.add(rs.getString(5));
                v.add(rs.getString(6));
                v.add(rs.getString(7));
                v.add(rs.getString(8));
                dt.addRow(v);
            }
        } catch (SQLException e) {
            System.out.println(e);}
    }
    public void supplier_load(){}
```

```

try {
    Statement s = db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM supplier");
    Vector v = new Vector();
    while(rs.next()){
        v.add(rs.getString("supplier_Name"));
    DefaultComboBoxModel cm = new DefaultComboBoxModel(v);
    com_sup.setModel(cm);      }
} catch (SQLException ex) {
    Logger.getLogger(product.class.getName()).log(Level.SEVERE, null, ex);}}
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jPanel1 = new javax.swing.JPanel();
    jPanel2 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    p_name = new javax.swing.JTextField();
    p_bcode = new javax.swing.JTextField();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    p_sid = new javax.swing.JTextField();
    p_price = new javax.swing.JTextField();
    jLabel7 = new javax.swing.JLabel();
    p_qty = new javax.swing.JTextField();
    jLabel9 = new javax.swing.JLabel();
    jLabel10 = new javax.swing.JLabel();
    p_Sellprice = new javax.swing.JTextField();
    com_sup = new javax.swing.JComboBox();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jPanel3 = new javax.swing.JPanel();
    jLabel3 = new javax.swing.JLabel();
    p_src = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    c_search_tbl = new javax.swing.JTextField();
    jPanel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
    jLabel1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel1.setText("Product Name :");
    jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel2.setText("Bar Code :");
    p_name.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    p_bcode.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    p_bcode.setText("0");
}

```

```

p_bcode.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        p_bcodeActionPerformed(evt);    });
jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/delete.png"))); // NOI18N
jButton1.setText("Delete");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);    });
jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/update.png"))); // NOI18N
jButton2.setText("Update");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
jButton3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/search_x30.png"))); // NOI18N
jButton3.setText("Search");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
jButton4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/save.png"))); // NOI18N
jButton4.setText("Save");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setText("Cost Price :");
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Supplier ID :");
p_sid.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
p_sid.setText("0");
p_price.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
p_price.setText("0");
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("Quantity :");
p_qty.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
p_qty.setText("0");
jLabel9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel9.setText("Supplier name :");
jLabel10.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

```

```

jLabel10.setText("Sell Price :");
p_Sellprice.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
p_Sellprice.setText("0");
com_sup.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { " " }));
com_sup.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        com_supActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(14, 14, 14)
            .addComponent(jButton1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(14, 14, 14)
                    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(jPanel2Layout.createSequentialGroup()
                            .addGap(14, 14, 14)
                            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                .addGroup(jPanel2Layout.createSequentialGroup()
                                    .addGap(14, 14, 14)
                                    .addComponent(p_name, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                                    .addGap(14, 14, 14)
                                    .addComponent(p_bcode, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGroup(jPanel2Layout.createSequentialGroup()
                                    .addGap(14, 14, 14)
                                    .addComponent(p_sid, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                                    .addGap(14, 14, 14)
                                    .addComponent(p_qty, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
                            .addGap(14, 14, 14)
                            .addComponent(com_sup, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jPanel2Layout.createSequentialGroup()
                            .addGap(14, 14, 14)
                            .addComponent(jButton4)
                            .addGap(14, 14, 14)
                            .addComponent(jButton3)
                            .addGap(14, 14, 14)
                            .addComponent(jButton2)
                            .addGap(14, 14, 14)
                            .addComponent(jButton1)))
                    .addGap(14, 14, 14)
                    .addComponent(jButton4)
                    .addGap(14, 14, 14)
                    .addComponent(jButton3)
                    .addGap(14, 14, 14)
                    .addComponent(jButton2)
                    .addGap(14, 14, 14)
                    .addComponent(jButton1))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(14, 14, 14)
                    .addComponent(jButton4)
                    .addGap(14, 14, 14)
                    .addComponent(jButton3)
                    .addGap(14, 14, 14)
                    .addComponent(jButton2)
                    .addGap(14, 14, 14)
                    .addComponent(jButton1)))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(14, 14, 14)
                    .addComponent(jButton4)
                    .addGap(14, 14, 14)
                    .addComponent(jButton3)
                    .addGap(14, 14, 14)
                    .addComponent(jButton2)
                    .addGap(14, 14, 14)
                    .addComponent(jButton1)))
            .addGap(14, 14, 14)
            .addComponent(jButton4)
            .addGap(14, 14, 14)
            .addComponent(jButton3)
            .addGap(14, 14, 14)
            .addComponent(jButton2)
            .addGap(14, 14, 14)
            .addComponent(jButton1))
        .addGap(14, 14, 14)
        .addComponent(jButton4)
        .addGap(14, 14, 14)
        .addComponent(jButton3)
        .addGap(14, 14, 14)
        .addComponent(jButton2)
        .addGap(14, 14, 14)
        .addComponent(jButton1))
    )
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(14, 14, 14)
            .addComponent(jButton1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(14, 14, 14)
                    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addGroup(jPanel2Layout.createSequentialGroup()
                            .addGap(14, 14, 14)
                            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                .addGroup(jPanel2Layout.createSequentialGroup()
                                    .addGap(14, 14, 14)
                                    .addComponent(p_name, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                                    .addGap(14, 14, 14)
                                    .addComponent(p_bcode, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGroup(jPanel2Layout.createSequentialGroup()
                                    .addGap(14, 14, 14)
                                    .addComponent(p_sid, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                                    .addGap(14, 14, 14)
                                    .addComponent(p_qty, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
                            .addGap(14, 14, 14)
                            .addComponent(com_sup, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jPanel2Layout.createSequentialGroup()
                            .addGap(14, 14, 14)
                            .addComponent(jButton4)
                            .addGap(14, 14, 14)
                            .addComponent(jButton3)
                            .addGap(14, 14, 14)
                            .addComponent(jButton2)
                            .addGap(14, 14, 14)
                            .addComponent(jButton1)))
                    .addGap(14, 14, 14)
                    .addComponent(jButton4)
                    .addGap(14, 14, 14)
                    .addComponent(jButton3)
                    .addGap(14, 14, 14)
                    .addComponent(jButton2)
                    .addGap(14, 14, 14)
                    .addComponent(jButton1))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(14, 14, 14)
                    .addComponent(jButton4)
                    .addGap(14, 14, 14)
                    .addComponent(jButton3)
                    .addGap(14, 14, 14)
                    .addComponent(jButton2)
                    .addGap(14, 14, 14)
                    .addComponent(jButton1)))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(14, 14, 14)
                    .addComponent(jButton4)
                    .addGap(14, 14, 14)
                    .addComponent(jButton3)
                    .addGap(14, 14, 14)
                    .addComponent(jButton2)
                    .addGap(14, 14, 14)
                    .addComponent(jButton1)))
            .addGap(14, 14, 14)
            .addComponent(jButton4)
            .addGap(14, 14, 14)
            .addComponent(jButton3)
            .addGap(14, 14, 14)
            .addComponent(jButton2)
            .addGap(14, 14, 14)
            .addComponent(jButton1))
        .addGap(14, 14, 14)
        .addComponent(jButton4)
        .addGap(14, 14, 14)
        .addComponent(jButton3)
        .addGap(14, 14, 14)
        .addComponent(jButton2)
        .addGap(14, 14, 14)
        .addComponent(jButton1))
    )
);
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
    }
));

```

```

        {null, null, null, null, null, null, null, null},
        {null, null, null, null, null, null, null, null},
        {null, null, null, null, null, null, null, null},
        {null, null, null, null, null, null, null, null}
    },
    new String [] {
        "ID", "Product Name", "Bar Code", "CostPrice", "SellPrice", "Qty", "SID", "SupplierName"
    }
));
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jTable1MouseClicked(evt);      }      });
jTable1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTable1KeyPressed(evt);      }      });
jScrollPane1.setViewportView(jTable1);
jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Search ID :");
p_src.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
p_src.setText("0");
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("Product Info :");
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addGap(18, 18, 18)
            .addComponent(p_src, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(p_src, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
);
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/search_x30.png"))); // NOI18N
jLabel8.setText("Search :");
c_search_tbl.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
c_search_tbl.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        c_search_tblKeyReleased(evt);      }      });
c_search_tbl.setCaretPosition(c_search_tbl.getText().length());
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel8)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(c_search_tbl, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
);

```

```

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(15, Short.MAX_VALUE))
);
}// </editor-fold>
private void p_bcodeActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // save product
    String name = p_name.getText();
    String bcode = p_bcode.getText();
    String price = p_price.getText();
    String sellPrice = p_Sellprice.getText();
    String qty = p_qty.getText();
    String sid = p_sid.getText();
    String sname = com_sup.getSelectedItem().toString();
    try {
        Statement s = db.mycon().createStatement();
        // `pid`, `Product_Name`, `Bar_code`, `Price`, `Qty`, `Sid`
        s.executeUpdate("INSERT INTO product (Product_Name,Bar_code,Price,Sell_price,Qty,Sid,Supplier_Name)
VALUES (""+name+"','"+bcode+"','"+price+"','"+sellPrice+"','"+qty+"','"+sid+"','"+sname+"')");
        JOptionPane.showMessageDialog(null, "Data Seved");
    } catch (SQLException e) {
        System.out.println(e);
        tb_load();
    }
}
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // search btn code
    String search = p_src.getText();
    try {
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery(" SELECT * FROM product WHERE pid ="+search+" ");
        if (rs.next()) {
            p_name.setText(rs.getString("Product_Name"));
            p_bcode.setText(rs.getString("Bar_code"));
            p_price.setText(rs.getString("Price"));
            p_Sellprice.setText(rs.getString("Sell_price"));
            p_qty.setText(rs.getString("Qty"));
            p_sid.setText(rs.getString("Sid"));
        }
    } catch (SQLException e) {
        System.out.println(e);
    }
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // update btn code
}

```

```

String id = p_src.getText();
String name = p_name.getText();
String bcode = p_bcode.getText();
String price = p_price.getText();
String sellPrice = p_Sellprice.getText();
String qty = p_qty.getText();
String sid = p_sid.getText();
String sname = com_sup.getSelectedItem().toString();
try {
    Statement s = db.mycon().createStatement();
    // Full texts pid Product_Name Bar_code Price Qty Sid
    s.executeUpdate("UPDATE product SET Product_Name='"+name+"',Bar_code='"+bcode+"'
,Price='"+price+"',Sell_price='"+sellPrice+"',Qty='"+qty+"',Sid='"+sid+"',Supplier_Name='"+sname+"' WHERE pid
='"+id+" '");
    JOptionPane.showMessageDialog(null, "Data Updated");
} catch (Exception e) {
}
tb_load();
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // delete btn code
    String id = p_src.getText();
    try {
        Statement s = db.mycon().createStatement();
        s.executeUpdate("DELETE FROM product WHERE pid = '"+id+" '");
        JOptionPane.showMessageDialog(null, "Data Deleted");
    } catch (HeadlessException | SQLException e) {
        System.out.println(e);
    }
    tb_load();
}
private void jTable1KeyPressed(java.awt.event.KeyEvent evt) {
}
private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
    int r = jTable1.getSelectedRow();
    String id = jTable1.getValueAt(r, 0).toString();
    String name = jTable1.getValueAt(r, 1).toString();
    String bcode = jTable1.getValueAt(r, 2).toString();
    String price = jTable1.getValueAt(r, 3).toString();
    String sellPrice = jTable1.getValueAt(r, 4).toString();
    String qty = jTable1.getValueAt(r, 5).toString();
    String sid = jTable1.getValueAt(r, 6).toString();
    String sname = jTable1.getValueAt(r, 7).toString();
    p_src.setText(id);
    p_name.setText(name);
    p_bcode.setText(bcode);
    p_price.setText(price);
    p_Sellprice.setText(sellPrice);
    p_qty.setText(qty);
    p_sid.setText(sid);
}
private void c_search_tblKeyReleased(java.awt.event.KeyEvent evt) {
    String name = c_search_tbl.getText();

```

```

try {
    DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
    dt.setRowCount(0);
    Statement s = db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM product WHERE Product_Name LIKE '%" + name + "%' ");
    while (rs.next()) {
        Vector v = new Vector();
        v.add(rs.getString(1));
        v.add(rs.getString(2));
        v.add(rs.getString(3));
        v.add(rs.getString(4));
        v.add(rs.getString(5));
        v.add(rs.getString(6));
        v.add(rs.getString(7));
        v.add(rs.getString(8));
        dt.addRow(v);
    }
} catch (Exception e) {
    tb_load();
}
private void com_supActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try{
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM supplier WHERE supplier_Name = "
        "+com_sup.getSelectedItem().toString()""");
        if(rs.next()){
            p_sid.setText(rs.getString("sid"));
        }
    }
    catch(Exception e){}}
private javax.swing.JTextField c_search_tbl;
private javax.swing.JComboBox<String> com_sup;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField p_Sellprice;
private javax.swing.JTextField p_bcode;
private javax.swing.JTextField p_name;
private javax.swing.JTextField p_price;
private javax.swing.JTextField p_qty;
private javax.swing.JTextField p_sid;
private javax.swing.JTextField p_src;
// End of variables declaration
}

```

## sale.java

```
package pos.pro;
import java.awt.Color;
import java.awt.HeadlessException;
import java.awt.event.KeyEvent;
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.net.ServerSocket;
import java.net.Socket;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.time.LocalDateTime;
import java.time.format.DateTimeFormatter;
import java.util.HashMap;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.DefaultComboBoxModel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
/***
 *
 * @author Anuj
 */
public class sale extends javax.swing.JPanel {
    public static String barcode_c = "0" ;
    public static String cus_id = "0";
    loginAdmin la = new loginAdmin();
    private static ServerSocket serverSocket;
    private static Socket clientSocket;
    private static InputStreamReader inputStreamReader;
    private static BufferedReader bufferedReader;
    private static String message="";
    public sale() {
        initComponents();
        data_load();
        Thread t1 = new Thread(new getBarcode());
        t1.start(); }
    //For Accepting values from Barcode Scanner Application
    private class getBarcode implements Runnable{
        public void run() {
            try {
                // creating a new ServerSocket at port 4444
                serverSocket = new java.net.ServerSocket(4444); } catch (IOException e) {
```

```

        System.out.println("Could not listen on port: 4444");
        System.out.println("Server started. Listening to the port 4444");
        System.out.println("Hello from ServerSocket1");
        while (!message.equalsIgnoreCase("over")) {
            try {
                clientSocket = serverSocket.accept();
                inputStreamReader = new InputStreamReader(clientSocket.getInputStream());
                bufferedReader = new BufferedReader(inputStreamReader);
                message = bufferedReader.readLine();
                System.out.println(message);
                txtBarcode.setText(message);
                inputStreamReader.close();
                clientSocket.close();
            } catch (IOException ex) {
                System.out.println("Problem in message reading");}
            }
        }

public void data_load(){
// load customer
try {
    Statement s= db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM customer");
    Vector v = new Vector();
    while (rs.next()) {
        v.add(rs.getString("customer_name"));
        DefaultComboBoxModel com = new DefaultComboBoxModel(v);
        com_cus.setModel(com);
    }
} catch (SQLException e) {
    System.out.println(e);
}
// load Product
try {
    Statement s= db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM product");
    Vector v = new Vector();
    while (rs.next()) {
        v.add(rs.getString("Product_Name"));
        DefaultComboBoxModel com = new DefaultComboBoxModel(v);
        //com_pro.setModel(com);
    }
} catch (SQLException e) {
    System.out.println(e);
}
// load last invoice number
try {
    Statement s = db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM extra WHERE exid =1");
    if (rs.next()) {inid.setText(rs.getString("val")); }
} catch (Exception e) { }
// pluss new invoice
int i = Integer.valueOf(inid.getText());
i++;
inid.setText(String.valueOf(i));
}

```

```

}

public void pro_tot_cal() throws SQLException{
// product calculation
    Double qt = Double.valueOf(p_qty.getText());
    Double price = Double.valueOf(u_price.getText());
    Double tot ;
    int availableQty = Integer.parseInt(rs.getString("Qty"));
    if(qt>availableQty){
        JOptionPane.showMessageDialog(this, "Quantity Not Available");
    }
    else{
        if(qt==0){
            JOptionPane.showMessageDialog(this, "Please Enter the Quantity");
        }
        else{
            tot = qt * price;
            tot_price.setText(String.valueOf(tot));
        }
    }
}

public void cart_total(){
int numofrow = jTable1.getRowCount();
    double total = 0;
    for (int i = 0; i < numofrow; i++) {
        double value = Double.valueOf(jTable1.getValueAt(i, 5).toString());
        total += value ;
    }
    bill_tot.setText(Double.toString(total));
//calculating discount
    double discount,costToPaid;
    if(total<=800)
    {
        //No Discount
        costToPaid = total;
        discount = 0;
        discountBal.setText(Double.toString(costToPaid));
        discountAmt.setText(Double.toString(discount));
    }
    else if(total>800 && total<=1500)
    {
        // 3% discount
        discount = (total*3)/100;
        costToPaid = total - discount;
        discountBal.setText(Double.toString(costToPaid));
        discountBal.show();
        discountAmt.setText(Double.toString(discount));
        discountAmt.show();
    }
    else if(total>1500 && total<=2500)
    {
}

```

```

// 5% discount
discount = (total*5)/100;
costToPaid = total - discount;
discountBal.setText(Double.toString(costToPaid));
discountBal.show();
discountAmt.setText(Double.toString(discount));
discountAmt.show(); }
else if(total>2500 && total<=5000)
{
    // 7% discount
    discount = (total*7)/100;
    costToPaid = total - discount;
    discountBal.setText(Double.toString(costToPaid));
    discountBal.show();
    discountAmt.setText(Double.toString(discount));
    discountAmt.show();
}
else if(total>5000)
{
    // 10% discount
    discount = (total*10)/100;
    costToPaid = total - discount;
    discountBal.setText(Double.toString(costToPaid));
    discountBal.show();
    discountAmt.setText(Double.toString(discount));
    discountAmt.show();
}
/// total qty count
int numofrows = jTable1.getRowCount();
double totals = 0;
for (int i = 0; i < numofrows; i++) {
    double values = Double.valueOf(jTable1.getValueAt(i, 3).toString());
    totals += values ;
}
tot_qty.setText(Double.toString(totals)); }

public void tot(){
Double paid = Double.valueOf(paid_amt.getText());
Double tot = Double.valueOf(discountBal.getText());
Double due ;
due = paid -tot ;
balance.setText(String.valueOf(due.intValue()));
}

PreparedStatement pst,insert;
ResultSet rs;
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jLabel9 = new javax.swing.JLabel();
    txtBarcode = new javax.swing.JTextField();

```

```

com_pro = new javax.swing.JTextField();
jPanel4 = new javax.swing.JPanel();
jPanel5 = new javax.swing.JPanel();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jPanel6 = new javax.swing.JPanel();
jLabel8 = new javax.swing.JLabel();
paid_amt = new javax.swing.JTextField();
jPanel7 = new javax.swing.JPanel();
bill_tot = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
discountBal = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
discountAmt = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
balance = new javax.swing.JLabel();
jLabel1 = new javax.swing.JLabel();
tot_qty = new javax.swing.JLabel();
jPanel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
inid.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
inid.setText("01");
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setText("INVOICE NO :");
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel2)
                    .addGap(18, 18, 18)
                    .addComponent(inid))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(17, 17, 17)
                    .addComponent(jLabel1)))
            .addContainerGap())
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel2)
                .addComponent(inid))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel1))
        .addContainerGap())
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(inid)
                .addComponent(jLabel2))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel1))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(17, 17, 17)
            .addComponent(jLabel1)))
);
jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());

```

```

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Customer :");
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("Product :");
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setText("Quantity :");
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Unit Price :");
u_price.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
u_price.setText("00.00");
com_cus.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
com_cus.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "select" }));
com_cus.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        com_cusActionPerformed(evt);
    }
});
p_qty.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
p_qty.setText("0");
p_qty.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        p_qtyKeyReleased(evt);
    }
});
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("Total Price :");
tot_price.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
tot_price.setText("00.00");
br_code.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
br_code.setText("0");
jLabel9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel9.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/barcode-scanner.png"))); // NOI18N
jLabel9.setText("Barcode:");
txtBarcode.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtBarcodeActionPerformed(evt);
    }
});
txtBarcode.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        txtBarcodeKeyPressed(evt);
    }
    public void keyReleased(java.awt.event.KeyEvent evt) {
        txtBarcodeKeyReleased(evt);
    }
    public void keyTyped(java.awt.event.KeyEvent evt) {
        txtBarcodeKeyTyped(evt);
    }
})

```

```

});

jPanel4.setBorder(javax.swing.BorderFactory.createEtchedBorder());
javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
jPanel4.setLayout(jPanel4Layout);
jPanel4Layout.setHorizontalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGap(0, 0, Short.MAX_VALUE)
);
jPanel4Layout.setVerticalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGap(0, 0, Short.MAX_VALUE)
);
jPanel5.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jButton1.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
jButton1.setText("Add to Cart");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
jButton1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jButton1KeyPressed(evt);
    }
});
jButton2.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
jButton2.setText("Remove");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
jButton3.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
jButton3.setText("Remove All");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
jButton4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/receipt Print.png"))); // NOI18N
jButton4.setMnemonic('P');
jButton4.setText("Pay & Print");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

```

```

javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);
jPanel5.setLayout(jPanel5Layout);
jPanel5Layout.setHorizontalGroup(
    jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel5Layout.createSequentialGroup()
        .addGap(18, 18, 18)
        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 44, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 50, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGroup(jPanel5Layout.createSequentialGroup()
        .addGap(18, 18, 18)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 45, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 268, javax.swing.GroupLayout.PREFERRED_SIZE)))
);
jTable1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        new String [] {
            "INID", "Name", "Bar code", "Qty", "Unit Price", "Total Price"
        }
    },
    new String [] {
        "INID", "Name", "Bar code", "Qty", "Unit Price", "Total Price"
    }
));
jScrollPane1.setViewportView(jTable1);
jPanel6.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setText("Paid Amount :");
paid_amt.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
paid_amt.setText("0");
paid_amt.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        paid_amtKeyReleased(evt);
    }
});
jPanel7.setBorder(javax.swing.BorderFactory.createEtchedBorder());
bill_tot.setBackground(new java.awt.Color(204, 204, 0));
bill_tot.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
bill_tot.setText("00.00");
bill_tot.setBorder(javax.swing.BorderFactory.createEtchedBorder());
bill_tot.setOpaque(true);
jLabel10.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel10.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel10.setText("Balance Before Discount :");
jLabel12.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel12.setText("Balance After discount:");

```



```

        .addGroup(jPanel7Layout.createSequentialGroup()
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(discountAmt, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel7Layout.createSequentialGroup()
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jLabel11)
                .addGroup(jPanel7Layout.createSequentialGroup()
                    .addGap(31, 31, 31))
                .addGroup(jPanel7Layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addComponent(balance, javax.swing.GroupLayout.PREFERRED_SIZE, 32,
        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(26, Short.MAX_VALUE)))))

    );
    jLabel1.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
    jLabel1.setText("Total Qty :");
    tot_qty.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
    tot_qty.setText("00");
    javax.swing.GroupLayout jPanel6Layout = new javax.swing.GroupLayout(jPanel6);
    jPanel6.setLayout(jPanel6Layout);
    jPanel6Layout.setHorizontalGroup(
        jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel6Layout.createSequentialGroup()
                .addGap(26, 26, 26)
                .addComponent(jLabel8)
                .addGap(18, 18, 18)
                .addComponent(paid_amt, javax.swing.GroupLayout.PREFERRED_SIZE, 150,
        javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(50, 50, 50)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 91,
        javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(tot_qty, javax.swing.GroupLayout.PREFERRED_SIZE, 77,
        javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE, 886,
        javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(60, 60, 60))
            .addGroup(jPanel6Layout.createSequentialGroup()
                .addGap(20, 20, 20)
                .addComponent(paid_amt)
                .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 886,
        javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, Short.MAX_VALUE)))
    );
    .addContainerGap());
};

javax.swing.GroupLayout jPanel11Layout = new javax.swing.GroupLayout(jPanel11);

```

```

jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    .addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addGap(280, 280, 280))
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
    .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(19, 19, 19)))
    .addContainerGap())
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
                Short.MAX_VALUE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jPanel6, javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(Short.MAX_VALUE)
            .addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 919, Short.MAX_VALUE)))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

.addComponent(jPanel1,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
}// </editor-fold>
private void p_qtyKeyReleased(java.awt.event.KeyEvent evt) {
try {
    pro_tot_cal();
} catch (SQLException ex) {
    Logger.getLogger(sale.class.getName()).log(Level.SEVERE, null, ex);
}
}
private void paid_amtKeyReleased(java.awt.event.KeyEvent evt) {
tot();
}
private void com_cusActionPerformed(java.awt.event.ActionEvent evt) {
// get cid
String name = com_cus.getSelectedItem().toString();
try {
    Statement s = db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT cid,customer_name FROM customer WHERE customer_name
="+name+" ");
    if (rs.next()) {
        cus_id = (rs.getString("cid"));
    }
} catch (SQLException e) {
    System.out.println(e);
}
}
private void txtBarcodeActionPerformed(java.awt.event.ActionEvent evt) {
}
private void txtBarcodeKeyPressed(java.awt.event.KeyEvent evt) {
// TODO add your handling code here:
if(evt.getKeyCode()== KeyEvent.VK_ENTER){
try {
//txtBarcode.setText(message);
String name = txtBarcode.getText();
System.out.println(name);
insert = db.mycon().prepareStatement("select * from product where Bar_code = ?");
insert.setString(1, name);
rs = insert.executeQuery();
if(rs.next()==false){
    JOptionPane.showMessageDialog(this, "Barcode not found");
}
else{
    String productName = rs.getString("Product_Name");
    String price = rs.getString("Price");
    com_pro.setText(productName.trim());
    u_price.setText(price.trim());
    br_code.setText(name);
}
}
}
}

```

```

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

private void txtBarcodeKeyReleased(java.awt.event.KeyEvent evt) {
}

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

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // data send to databace
    try {
        // `cartid`, `INID`, `Product_Name`, `Bar_code`, `qty`, `Unit_Price`, `Total_Price`
        DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
        int rc = dt.getRowCount();
        for (int i = 0; i < rc; i++) {
            String inid = dt.getValueAt(i, 0).toString(); // get inid
            String P_name = dt.getValueAt(i, 1).toString(); // get product name
            String bar_code = dt.getValueAt(i, 2).toString(); // get barcode
            String qty = dt.getValueAt(i, 3).toString(); // get product qty
            String un_price = dt.getValueAt(i, 4).toString(); // get product unit price
            String tot_price = dt.getValueAt(i, 5).toString(); // get product total Price
            // cart DB
            Statement s = db.mycon().createStatement();
            s.executeUpdate(" INSERT INTO cart (INID, Product_Name, Bar_code, qty, Unit_Price, Total_Price)
VALUES ("+inid+","+P_name+","+bar_code+","+qty+","+un_price+","+tot_price+"") ");
        }
        JOptionPane.showMessageDialog(null, "Data Saved");
    } catch (HeadlessException | SQLException e) {
        System.out.println(e);
    }
    try {
        // sales DB
        // `saleid`, `INID`, `Cid`, `Customer_Name`, `Total_Qty`, `Total_Bill`, `Status`, `Balance`
        String inv_id = inid.getText();
        String cname = com_cus.getSelectedItem().toString();
        String totqty = tot_qty.getText();
        String tot_bil = discountBal.getText();
        String blnc = balance.getText();
        DateTimeFormatter dtf = DateTimeFormatter.ofPattern("yyyy/MM/dd HH:mm:ss");
        LocalDateTime now = LocalDateTime.now();
        String date = dtf.format(now);
        // paid check
        Double tot = Double.valueOf(discountBal.getText());
        Double pid = Double.valueOf(paid_amt.getText());
        String Status = null;
        if (pid.equals(0.0)) {
            Status = "UnPaid";
        } else if (tot>pid) {

```

```

        Status = "Partial";
    }else if (tot<=pid) {
        Status = "Paid";
    }
    Statement ss = db.mycon().createStatement();
    ss.executeUpdate("INSERT INTO sales(INID, Cid, Customer_Name, Total_Qty, Total_Bill, Status,
Balance,purchaseDate)
VALUES("+inv_id+"','"+cus_id+"','"+cname+"','"+totqty+"','"+tot_bil+"','"+Status+"','"+blnc+"','"+date+"')");
    String query3 = "update product set Qty= Qty-? where Bar_code=?";
    insert = db.mycon().prepareStatement(query3);
    for(int i = 0;i<jTable1.getRowCount();i++){
        String product_id = (String)jTable1.getValueAt(i, 2);
        String qty = (String)jTable1.getValueAt(i, 3);
        insert.setString(1,qty);
        insert.setString(2,product_id);
        insert.execute();
    }
} catch (NumberFormatException | SQLException e) {
    System.out.println(e);
}
// save las inid number
try {
    String id = inid.getText();
    Statement s = db.mycon().createStatement();
    s.executeUpdate("UPDATE extra SET val='"+id+"' WHERE exid = 1");
} catch (SQLException e) {
    System.out.println(e);
}
// Print or view ireport bill
try {
    HashMap para = new HashMap();
    para.put("inv_id", inid.getText()); // inv_id is ireport parameter name
    para.put("paid", paid_amt.getText()+"/-");
    para.put("saved", " ** Saved Rs. "+discountAmt.getText()+"/- On MRP **");
    ReportView r =new ReportView("src\\reports\\print.jasper", para);
    r.setVisible(true);
} catch (Exception e) {
}
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // remove all
    DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
    dt.setRowCount(0);
    cart_total();
    tot();
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // selected remove
    try {
        DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
        int rw = jTable1.getSelectedRow();

```

```

        dt.removeRow(rw);
    } catch (Exception e) {}
    cart_total();
    tot();
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    //add cart to product details
    br_code.requestFocusInWindow();
    // pos();
    DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
    Vector v = new Vector();
    v.add(inid.getText()); // invoice id
    v.add(com_pro.getText()); // product name
    v.add(br_code.getText()); // barcode
    v.add(p_qty.getText()); // p qty
    v.add(u_price.getText()); // unit price
    v.add(tot_price.getText()); // get totle price
    dt.addRow(v);
    cart_total();
    tot();
}
// Variables declaration - do not modify
private javax.swing.JLabel balance;
private javax.swing.JLabel bill_tot;
private javax.swing.JLabel br_code;
private javax.swing.JComboBox<String> com_cus;
private javax.swing.JTextField com_pro;
private javax.swing.JPanel jPanel7;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField p_qty;
private javax.swing.JTextField paid_amt;
private javax.swing.JLabel tot_price;
private javax.swing.JLabel tot_qty;
private javax.swing.JTextField txtBarcode;
private javax.swing.JLabel u_price;
// End of variables declaration
}

```

## invoice.java

```
package pos.pro;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Vector;
import javax.swing.table.DefaultTableModel;
/**
 *
 * @author Anuj
 */
public class Invoice extends javax.swing.JPanel {
    public Invoice() {
        initComponents();
        datalad();
    }
    public void datalad(){
        try {
            DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
            dt.setRowCount(0);
            Statement s = db.mycon().createStatement();
            ResultSet rs = s.executeQuery("SELECT * FROM sales");
            while (rs.next()) {
                Vector v = new Vector();
                v.add(rs.getString(1));
                v.add(rs.getString(2));
                v.add(rs.getString(3));
                v.add(rs.getString(4));
                v.add(rs.getString(5));
                v.add(rs.getString(6));
                v.add(rs.getString(7));
                v.add(rs.getString(8));
                dt.addRow(v);
            }
        } catch (SQLException e) {
            System.out.println(e);
        }
    }
    public void search_para(){
        String inv_id = inid.getText();
        String c_Name = cus_name.getText();
        String sta = com_status.getSelectedItem().toString();
        try {
            DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
            dt.setRowCount(0);
            Statement s = db.mycon().createStatement();
            ResultSet rs = s.executeQuery("SELECT * FROM sales WHERE INID LIKE '%" + inv_id + "%' AND Customer_Name LIKE '%" + c_Name + "%' AND Status LIKE '%" + sta + "%' ");
            while (rs.next()) {
                Vector v = new Vector();
                v.add(rs.getString(1));
                v.add(rs.getString(2));
            }
        }
    }
}
```

```

        v.add(rs.getString(3));
        v.add(rs.getString(4));
        v.add(rs.getString(5));
        v.add(rs.getString(6));
        v.add(rs.getString(7));
        v.add(rs.getString(8));
        dt.addRow(v);
    }
} catch (SQLException e) {
    System.out.println(e);
    datalad();
}
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jPanel1 = new javax.swing.JPanel();
    jPanel2 = new javax.swing.JPanel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jPanel3 = new javax.swing.JPanel();
    jLabel5 = new javax.swing.JLabel();
    inid = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    cus_name = new javax.swing.JTextField();
    jLabel7 = new javax.swing.JLabel();
    com_status = new javax.swing.JComboBox<>();
    jButton1 = new javax.swing.JButton();
    jPanel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
    jTable1.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {
            {},
            {}
        },
        new String [] {
            "SaleID", "INID", "CID", "Customer_Name", "Total Qty", "Total Bill", "Status", "Balance"
        }
    ));
    jScrollPane1.setViewportView(jTable1);
    javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
    jPanel2.setLayout(jPanel2Layout);
    jPanel2Layout.setHorizontalGroup(
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 922, Short.MAX_VALUE)
        )
    );
    jPanel2Layout.setVerticalGroup(
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 292, Short.MAX_VALUE)
    );
    jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());
    jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel5.setText("Invoice ID :");
    inid.addKeyListener(new java.awt.event.KeyAdapter() {
        public void keyReleased(java.awt.event.KeyEvent evt) {

```

```

        inidKeyReleased(evt);
    }
});

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Customer Name :");
cus_name.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
cus_name.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        cus_nameKeyReleased(evt);
    }
});
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("Status :");
com_status.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
com_status.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "UnPaid", "Partial", "Paid", " " }));
com_status.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        com_statusActionPerformed(evt);
    }
});
jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/update.png"))); // NOI18N
jButton1.setText("Refresh");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);      }      });
    .addGap(4, 4, 4)
);
.addComponent(jPanel1,                                     javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jPanel1,                               javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE))
);
}// </editor-fold>
private void inidKeyReleased(java.awt.event.KeyEvent evt) {
    search_para();
}
private void cus_nameKeyReleased(java.awt.event.KeyEvent evt) {
    search_para();
}
private void com_statusActionPerformed(java.awt.event.ActionEvent evt) {
    search_para();
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

```

```
    datalad();
}
// Variables declaration - do not modify
private javax.swing.JComboBox<String> com_status;
private javax.swing.JTextField cus_name;
private javax.swing.JTextField inid;
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
// End of variables declaration
}
```

## Stock.java

```
package pos.pro;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Vector;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import net.proteanit.sql.DbUtils;
public class Stock extends javax.swing.JPanel {
    Connection con = null;
    PreparedStatement pst = null;
    ResultSet rs = null;
    String id = "0
        .addComponent(date_new1, javax.swing.GroupLayout.PREFERRED_SIZE, 129,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(237, 237, 237))
    );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 281, Short.MAX_VALUE)
            .addGap(18, 18, 18)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(date_new, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(date_new1, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap())
    );
    jTabbedPane1.addTab("View Stock", jPanel9);
    txt_bcode1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
    txt_bcode1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txt_bcode1ActionPerformed(evt);
        }
    });
    txt_bcode1.addKeyListener(new java.awt.event.KeyAdapter() {
        public void keyReleased(java.awt.event.KeyEvent evt) {
            txt_bcode1KeyReleased(evt);
        }
    });
    txt_pnaame1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
    txt_pnaame1.addActionListener(new java.awt.event.KeyAdapter() {
        public void keyReleased(java.awt.event.KeyEvent evt) {
            txt_pnaame1KeyReleased(evt);
        }
    });
}
```

```

    }
});

txt_stkqty.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
txt_stkqty.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        txt_stkqtyKeyReleased(evt);
    }
});
jLabel50.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jLabel50.setText("Stock Qty");
jLabel37.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jLabel37.setText("Product Name :");
jLabel38.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jLabel38.setText("Barcode :");
txt_newQTy.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
txt_newQTy.setText("0");
jLabel51.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel51.setText("New Add /Less QTY");
jButton1.setText("SAVE");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jLabel37)
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(12, 12, 12)
                    .addComponent(jLabel50)))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jPanel3Layout.createSequentialGroup()
                            .addComponent(jLabel51, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(150, 150, 150)
                            .addComponent(txt_newQTy, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jPanel3Layout.createSequentialGroup()
                            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(160, 160, 160)
                            .addComponent(Short.MAX_VALUE))))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jPanel3Layout.createSequentialGroup()
                        .addGap(301, 301, 301)
                        .addComponent(Short.MAX_VALUE)))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(150, 150, 150)
                    .addComponent(jPanel3Layout.createSequentialGroup()
                        .addComponent(jLabel38)
                        .addGap(150, 150, 150)
                        .addComponent(txt_bcode1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(37, 37, 37)
                        .addComponent(jPanel3Layout.createSequentialGroup()
                            .addGap(150, 150, 150)
                            .addComponent(jPanel2Layout, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))))))
        .addComponent(jPanel3Layout.createSequentialGroup()
            .addGap(150, 150, 150)
            .addComponent(jPanel2Layout, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addContainerGap()
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(jLabel37)
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(12, 12, 12)
                    .addComponent(jLabel50)))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jPanel3Layout.createSequentialGroup()
                            .addComponent(jLabel51, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(150, 150, 150)
                            .addComponent(txt_newQTy, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGroup(jPanel3Layout.createSequentialGroup()
                            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGap(160, 160, 160)
                            .addComponent(Short.MAX_VALUE))))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jPanel3Layout.createSequentialGroup()
                        .addGap(301, 301, 301)
                        .addComponent(Short.MAX_VALUE)))
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(150, 150, 150)
                    .addComponent(jPanel3Layout.createSequentialGroup()
                        .addComponent(jLabel38)
                        .addGap(150, 150, 150)
                        .addComponent(txt_bcode1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(37, 37, 37)
                        .addComponent(jPanel3Layout.createSequentialGroup()
                            .addGap(150, 150, 150)
                            .addComponent(jPanel2Layout, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))))))
        .addComponent(jPanel3Layout.createSequentialGroup()
            .addGap(150, 150, 150)
            .addComponent(jPanel2Layout, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addContainerGap()
);

```

```

jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jPanel3,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addComponent(jPanel3,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 171, Short.MAX_VALUE))
);
jTabbedPane1.addTab("ADD Stock", jPanel2);
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(this);
this.setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jTabbedPane1,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 6, Short.MAX_VALUE))
);
}// </editor-fold>
private void txt_bcodeActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
private void txt_bcodeKeyReleased(java.awt.event.KeyEvent evt) {
    paras();
}
private void txt_pnaameKeyReleased(java.awt.event.KeyEvent evt) {
paras();
}
private void txt_suppKeyReleased(java.awt.event.KeyEvent evt) {
    paras();
}
private void txt_bcode1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
private void txt_bcode1KeyReleased(java.awt.event.KeyEvent evt) {
    // load unit price
    String name =txt_bcode1.getText();
    try {
        Statement s = db.mycon().createStatement();

```

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```

ResultSet rs = s.executeQuery("SELECT * FROM product WHERE Bar_code ='"+name+" '");
if (rs.next()) {
    id = rs.getString("pid");
    txt_pnaame1.setText(rs.getString("Product_Name"));
    txt_stkqty.setText(rs.getString("Qty"));
}
} catch (SQLException e) {
    System.out.println(e);    }  }
private void txt_pnaame1KeyReleased(java.awt.event.KeyEvent evt) {
// load unit price
String name =txt_pnaame1.getText();
try {
    Statement s = db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM product WHERE Product_Name ='"+name+" '");
    if (rs.next()) {
        id = rs.getString("pid");
        txt_bcode1.setText(rs.getString("Bar_code"));
        txt_stkqty.setText(rs.getString("Qty"));
    }
} catch (SQLException e) {
    System.out.println(e);    }  }
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
// update Stock
double newqty =Double.valueOf( txt_newQTy.getText());
double oldQty = Double.valueOf(txt_stkqty.getText());
double up_qty = newqty+ oldQty ;
try {           Statement s = db.mycon().createStatement();
    s.executeUpdate(" UPDATE product SET Qty ='"+up_qty+"' WHERE pid = '"+id+" '");
    JOptionPane.showMessageDialog(null, "Data Updated");
} catch (Exception e) {
    System.out.println(e);}  }
// Variables declaration - do not modify
private javax.swing.JLabel date_new;
private javax.swing.JLabel date_new1;
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel35;
private javax.swing.JLabel jLabel36;
private javax.swing.JLabel jLabel37;
private javax.swing.JLabel jLabel38;
private javax.swing.JLabel jLabel49;
private javax.swing.JLabel jLabel50;
private javax.swing.JLabel jLabel51;
private javax.swing.JTextField txt_pnaame1;
private javax.swing.JTextField txt_stkqty;
private javax.swing.JTextField txt_supp;
// End of variables declaration
}

```

## grn.java

```
package pos.pro;
import java.awt.HeadlessException;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.time.LocalDateTime;
import java.time.format.DateTimeFormatter;
import java.util.Date;
import java.util.HashMap;
import java.util.Locale;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.DefaultComboBoxModel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import net.proteanit.sql.DbUtils;
public class Grn extends javax.swing.JPanel {
    Connection con = null;
    PreparedStatement pst = null;
    ResultSet rs = null;
    public Grn() {
        con = db.mycon();
        initComponents();
        data_load();
        cart_total();
        tbload();
    }
    public void data_load(){
        // load Supplier
        try {
            Statement s= db.mycon().createStatement();
            ResultSet rs = s.executeQuery("SELECT * FROM supplier");
            Vector v = new Vector();
            while (rs.next()) {
                v.add(rs.getString("supplier_Name"));
                DefaultComboBoxModel com = new DefaultComboBoxModel(v);
                com_sup.setModel(com);
            }
        } catch (SQLException e) {
            e.printStackTrace();
        }
        // load Product
    }
}
```

```

try {
    Statement s= db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM product");
    Vector v = new Vector();
    while (rs.next()) {
        v.add(rs.getString("Product_Name"));
        DefaultComboBoxModel com = new DefaultComboBoxModel(v);
        com_pro.setModel(com);
    }
} catch (SQLException e) {
    System.out.println(e);
}
// load last invoice number
try {
    Statement s = db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM grnextra WHERE gnexid=1");
    if (rs.next()) {
        inid.setText(rs.getString("gnVal"));
    }
} catch (Exception e) {
}
// pluss new invoice
int i = Integer.valueOf(inid.getText());
i++;
inid.setText(String.valueOf(i));
}
public void tbload(){
try {
    String sql = "SELECT * FROM grn ";
    pst = con.prepareStatement(sql);
    rs = pst.executeQuery();
    jTable2.setModel(DbUtils.resultSetToTableModel(rs));
} catch (SQLException e) {
    System.out.println(e);
}
}
public void cart_total(){
int numofrow = jTable1.getRowCount();
double total = 0;
for (int i = 0; i < numofrow; i++) {
    double value = Double.valueOf(jTable1.getValueAt(i, 7).toString());
    total += value ;
}
bill_tot.setText(Double.toString(total));
int numofrows = jTable1.getRowCount();
double totals = 0;
for (int i = 0; i < numofrows; i++) {
    double values = Double.valueOf(jTable1.getValueAt(i, 3).toString());
    totals += values ;
}

```

```

        }
        tot_qty.setText(Double.toString(totals));
    }
    public void dsicount(){
    try {
        Double dts_presntage = Double.valueOf(bill_dts.getText());
        Double dts_price = 0.0;
        Double Tot_bil = Double.valueOf(bill_tot.getText());
        dts_price = Tot_bil * dts_presntage / 100 ;
        bill_dts_rs.setText(String.valueOf(dts_price));
    } catch (Exception e) {
        System.out.println(e);
    }
    totccall();
}
public void totccall(){
double sub_t = Double.valueOf(bill_tot.getText());
double Dist = Double.valueOf(bill_dts_rs.getText());
double net = sub_t - Dist ;
balance.setText(String.valueOf(net));
}
public void search_para(){
String grnNumber = grnNo.getText();
String DelDate = deliveryDate.getText();
try {
    DefaultTableModel dt = (DefaultTableModel) jTable2.getModel();
    dt.setRowCount(0);
    Statement s = db.mycon().createStatement();
    ResultSet rs = s.executeQuery("SELECT * FROM grn WHERE GRN_NO LIKE
'%"+grnNumber+"'AND Delivery_Date LIKE '%"+DelDate+"%'");
    while (rs.next()) {
        Vector v = new Vector();
        v.add(rs.getString(1));
        v.add(rs.getString(2));
        v.add(rs.getString(3));
        v.add(rs.getString(4));
        v.add(rs.getString(5));
        v.add(rs.getString(6));
        v.add(rs.getString(7));
        v.add(rs.getString(8));
        v.add(rs.getString(9));
        v.add(rs.getString(10));
        v.add(rs.getString(11));
        v.add(rs.getString(12));
        dt.addRow(v);
    }
} catch (SQLException e) {
    System.out.println(e);
    tbload();
}

```

```
        }
    }

    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    jTabbedPane1 = new javax.swing.JTabbedPane();
    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    inid = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    com_sup = new javax.swing.JComboBox<>();
    jPanel2 = new javax.swing.JPanel();
    jLabel5 = new javax.swing.JLabel();
    p_qty = new javax.swing.JTextField();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    com_pro = new javax.swing.JComboBox<>();
    jLabel4 = new javax.swing.JLabel();
    txt_bar = new javax.swing.JTextField();
    jLabel9 = new javax.swing.JLabel();
    txt_cost = new javax.swing.JTextField();
    txt_sell = new javax.swing.JTextField();
    txt_DeliveryDate = new javax.swing.JTextField();
    jButton5 = new javax.swing.JButton();
    l_Sid = new javax.swing.JLabel();
    jPanel4 = new javax.swing.JPanel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jPanel6 = new javax.swing.JPanel();
    jPanel7 = new javax.swing.JPanel();
    bill_tot = new javax.swing.JLabel();
    jLabel10 = new javax.swing.JLabel();
    jLabel11 = new javax.swing.JLabel();
    balance = new javax.swing.JLabel();
    jLabel12 = new javax.swing.JLabel();
    bill_dts_rs = new javax.swing.JLabel();
    bill_dts = new javax.swing.JTextField();
    jLabel13 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    tot_qty = new javax.swing.JLabel();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jLabel14 = new javax.swing.JLabel();
    jPanel3 = new javax.swing.JPanel();
    jScrollPane2 = new javax.swing.JScrollPane();
    jTable2 = new javax.swing.JTable();
```

```

grnNo = new javax.swing.JTextField();
jLabel15 = new javax.swing.JLabel();
jLabel16 = new javax.swing.JLabel();
deliveryDate = new javax.swing.JTextField();
jLabel17 = new javax.swing.JLabel();
jButton6 = new javax.swing.JButton();
jLabel2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel2.setText("GRN NO :");
inid.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
inid.setText("01");
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel3.setText("Supplier Name :");
com_sup.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
com_sup.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "select" }));
com_sup.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        com_supActionPerformed(evt);
    }
});
jPanel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));
);
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel5.setText("Qty :");
p_qty.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
p_qty.setText("0");
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Sell Price ");
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("Cost Price ");
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel8.setText("Delivery Date ");
jButton1.setText("Add to Table");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
com_pro.setEditable(true);
com_pro.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
com_pro.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "select" }));
com_pro.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        com_proActionPerformed(evt);
    }
});
jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel4.setText("Product Name");
txt_bar.setText("000000000000");

```

```

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel9.setText("Barcode");
txt_cost.setFont(new java.awt.Font("Segoe UI", 0, 18)); // NOI18N
txt_cost.setText("0");
txt_sell.setFont(new java.awt.Font("Segoe UI", 0, 18)); // NOI18N
txt_sell.setText("0");
txt_DeliveryDate.setText("YYYY-DD-MM");
jButton5.setText("Today's Date");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addComponent(txt_bar, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 113,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(com_pro, javax.swing.GroupLayout.PREFERRED_SIZE, 120,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(txt_DeliveryDate, javax.swing.GroupLayout.PREFERRED_SIZE, 121,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton5)))
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 120,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 113,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(18, 18, 18)
        .addComponent(p_qty, javax.swing.GroupLayout.PREFERRED_SIZE, 86,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(jLabel5)))
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(30, 30, 30)
        .addComponent(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addComponent(jButton5)
            )
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 113,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            )))))
);

```

```

        .addComponent(txt_cost,           javax.swing.GroupLayout.PREFERRED_SIZE,      95,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel7))
        .addGap(39, 39, 39)
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(txt_sell,           javax.swing.GroupLayout.PREFERRED_SIZE,      95,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel6))
            .addGap(39, 39, 39)
            .addComponent(jButton1,           javax.swing.GroupLayout.PREFERRED_SIZE,      137,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
    );
    jPanel2Layout.setVerticalGroup(
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jLabel9, javax.swing.GroupLayout.Alignment.TRAILING)
                        .addComponent(jLabel4, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                        .addComponent(jLabel8, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 23, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(37, 37, 37))
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addGap(0, 0, Short.MAX_VALUE)
                        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addGroup(jPanel2Layout.createSequentialGroup()
                                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                    .addComponent(jLabel6)
                                    .addComponent(preferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                                    .addComponent(txt_sell, javax.swing.GroupLayout.PREFERRED_SIZE,      27,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                                .addComponent(jButton1, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 42, javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                                .addComponent(com_pro)
                                .addComponent(txt_DeliveryDate))
                            .addComponent(txt_bar, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addContainerGap())))
                .addContainerGap())
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(com_pro)
                    .addComponent(txt_DeliveryDate))
                .addComponent(txt_bar, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap())
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(com_pro)
                .addComponent(txt_DeliveryDate))
            .addComponent(txt_bar, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap())
    );

```

```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel5)
            .addGap(18, 18, 18)
            .addComponent(p_qty, javax.swing.GroupLayout.PREFERRED_SIZE, 27, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addComponent(jLabel7)
                .addGap(18, 18, 18)
                .addComponent(txt_cost, javax.swing.GroupLayout.PREFERRED_SIZE, 27, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 21, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addGap(2, 2, 2)
                        .addComponent(addGap, 2, 2, 2)))
                    .addComponent(containerGap))))))
    );
l_Sid.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
l_Sid.setText("0");
jTable1.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        },
    new String [] {
        "GRNID", "Bar Code", "Name", "Qty", "Cost Price", "Sell Price", "Delivery Date", "Total Price"
    }
));
jScrollPane1.setViewportView(jTable1);
jPanel6.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jPanel7.setBorder(javax.swing.BorderFactory.createEtchedBorder());
bill_tot.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
bill_tot.setText("00.00");
bill_tot.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel10.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel10.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel10.setText("SUB TOTAL :");
jLabel11.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel11.setHorizontalAlignment(javax.swing.SwingConstants.RIGHT);
jLabel11.setText("NET TOTAL :");
balance.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
balance.setText("00.00");
balance.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel12.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel12.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel12.setText("DISCOUNT ");
bill_dts_rs.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
bill_dts_rs.setText("00.00");

```

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bill_dts_rs.setBorder(javax.swing.BorderFactory.createEtchedBorder());
bill_dts.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
bill_dts.setText("0");
bill_dts.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        bill_dtsActionPerformed(evt);
    }
});
bill_dts.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        bill_dtsKeyReleased(evt);
    }
});
jLabel13.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel13.setHorizontalAlignment(javax.swing.SwingConstants.LEFT);
jLabel13.setText("% :");
javax.swing.GroupLayout jPanel7Layout = new javax.swing.GroupLayout(jPanel7);
jPanel7.setLayout(jPanel7Layout);
jPanel7Layout.setHorizontalGroup(
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel10))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel7Layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(jLabel12))
                .addGroup(jPanel7Layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(bill_dts, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(balance, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(bill_tot, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(bill_dts_rs, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE)))
);
jPanel7Layout.setVerticalGroup(
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel10))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel7Layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(jLabel12))
                .addGroup(jPanel7Layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(bill_dts, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(balance, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(bill_tot, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(bill_dts_rs, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE)))
);
jPanel7Layout.setVerticalGroup(
);

```

```

jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel7Layout.createSequentialGroup()
    .addContainerGap()
    .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel10, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(bill_tot, javax.swing.GroupLayout.DEFAULT_SIZE, 28,
        Short.MAX_VALUE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel12, javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(bill_dts_rs, javax.swing.GroupLayout.DEFAULT_SIZE, 28,
            Short.MAX_VALUE)
            .addComponent(jLabel13, javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addComponent(bill_dts, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel11, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(balance, javax.swing.GroupLayout.DEFAULT_SIZE, 28,
        Short.MAX_VALUE)))
);
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jLabel1.setText("Total Qty :");
tot_qty.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
tot_qty.setText("00");
jButton2.setText("Remove");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
jButton3.setText("Remove All");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
jButton4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton4.setText("SAVE & PRINT");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

```

```

});

javax.swing.GroupLayout jPanel6Layout = new javax.swing.GroupLayout(jPanel6);
jPanel6.setLayout(jPanel6Layout);
jPanel6Layout.setHorizontalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel6Layout.createSequentialGroup()
        .addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel6Layout.createSequentialGroup()
                .addGap(383, 383, 383)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            )
            .addComponent(tot_qty, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    )
    .addGroup(jPanel6Layout.createSequentialGroup()
        .addGap(33, 33, 33)
    )
);
jPanel6Layout.setVerticalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel6Layout.createSequentialGroup()
        .addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel6Layout.createSequentialGroup()
                .addGap(31, 31, 31)
                .addComponent(jButton3)
                .addGap(31, 31, 31)
                .addComponent(jButton2)
            )
            .addGroup(jPanel6Layout.createSequentialGroup()
                .addGap(31, 31, 31)
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(31, 31, 31)
                .addComponent(tot_qty, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            )
        )
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        )
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    )
    .addGroup(jPanel6Layout.createSequentialGroup()
        .addGap(33, 33, 33)
    )
);

```

```

                .addComponent(jButton4,          javax.swing.GroupLayout.PREFERRED_SIZE,      26,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGroup(jPanel6Layout.createSequentialGroup())
                .addContainerGap()
                .addComponent(jPanel7,          javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addContainerGap(23, Short.MAX_VALUE))
);
javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
jPanel4.setLayout(jPanel4Layout);
jPanel4Layout.setHorizontalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel4Layout.createSequentialGroup()
    .addComponent(jPanel6,          javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jScrollPane1))
    .addContainerGap()))
);
jPanel4Layout.setVerticalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel4Layout.createSequentialGroup()
    .addComponent(jScrollPane1,          javax.swing.GroupLayout.PREFERRED_SIZE,      153,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(jPanel6,          javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addContainerGap(15, Short.MAX_VALUE)))
);
jLabel14.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel14.setText("Supplier ID :");
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
    .addComponent(jLabel3,          javax.swing.GroupLayout.PREFERRED_SIZE,      115,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGroup(jPanel1Layout.createSequentialGroup()
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel3,          javax.swing.GroupLayout.PREFERRED_SIZE,      60,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel2)))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(inid,          javax.swing.GroupLayout.PREFERRED_SIZE,      60,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel2)))
));

```

```

        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(com_sup, javax.swing.GroupLayout.PREFERRED_SIZE, 314,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(80, 80, 80)
            .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 115,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(l_Sid, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(inid, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel2))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel3)
                .addComponent(com_sup, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(l_Sid)
            .addComponent(jLabel14))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 40,
Short.MAX_VALUE)
            .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        ).addContainerGap())
    );
    jTabbedPane1.addTab("Add GRN", jPanel1);
    jTable2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jTable2.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {
            {null, null, null, null, null, null, null, null, null, null},
            {null, null, null, null, null, null, null, null, null, null},
            {null, null, null, null, null, null, null, null, null, null},
            {null, null, null, null, null, null, null, null, null, null}
        },
        new String [] {
    
```

```

        "ID", "GRN NO", "SELLER ID", "BARCODE", "ITEM NAME", "QTY", "COST PRICE",
        "SELLING PRICE", "DATE", "SUB TOTAL", "DISCOUNT", "NET TOTAL"
    }
));
jTable2.setRowMargin(2);
jScrollPane2.setViewportView(jTable2);
grnNo.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
grnNo.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        grnNoKeyReleased(evt);
    }
});
jLabel15.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel15.setText("GRN NO :");
jLabel16.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel16.setText("DELIVERY DATE :");
deliveryDate.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
deliveryDate.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        deliveryDateKeyReleased(evt);
    }
});
jLabel17.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N
jLabel17.setText("(In YYYY-MM-DD Format)");
jButton6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/update.png"))); // NOI18N
jButton6.setText("Refresh");
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addComponent(jLabel15)
                .addGap(18, 18, 18)
                .addComponent(deliveryDate, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addComponent(grnNo, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    )
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addComponent(jLabel15)
                .addGap(18, 18, 18)
                .addComponent(deliveryDate, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addComponent(grnNo, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    )
);

```

```

        .addComponent(jLabel16,           javax.swing.GroupLayout.PREFERRED_SIZE,      133,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(deliveryDate,       javax.swing.GroupLayout.PREFERRED_SIZE,      189,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jLabel17,           javax.swing.GroupLayout.PREFERRED_SIZE,      150,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jButton6,           javax.swing.GroupLayout.PREFERRED_SIZE,      133,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(52, 52, 52))
    );
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(32, 32, 32)
        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(grnNo,           javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel15)
            .addComponent(deliveryDate,       javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel16)
            .addComponent(jLabel17)
            .addComponent(jButton6))
        .addGap(72, 72, 72)
        .addComponent(jScrollPane2,       javax.swing.GroupLayout.PREFERRED_SIZE,      423,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(18, Short.MAX_VALUE)))
    );
jTabbedPane1.addTab("View GRN", jPanel3);
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(this);
this.setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addComponent(jTabbedPane1)
            .addGap(0, 0, 0))
        .addGroup(layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addComponent(layout)
            .addGap(0, 0, 0))
    )
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addComponent(jTabbedPane1)
            .addGap(0, 0, 0))
        .addGroup(layout.createSequentialGroup()
            .addGap(0, 0, 0)
            .addComponent(layout)
            .addGap(0, 0, 0))
    )
);

```

```

}// </editor-fold>
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // GRN data send to database
    try {
        //
        id,GRN_NO,Sid,Barcode,Itm_Name,Qty,Cost_Price,Sell_Price,Delivery_Date,Sub_Total,Discount,Net_Tot
        al
        DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
        int rc = dt.getRowCount();
        for (int i = 0; i < rc; i++) {
            String inid = dt.getValueAt(i, 0).toString(); // get inid
            String bar_code = dt.getValueAt(i, 1).toString(); // get barcode
            String P_name = dt.getValueAt(i, 2).toString(); // get product name
            String qty = dt.getValueAt(i, 3).toString(); // get product qty
            String cost_price = dt.getValueAt(i, 4).toString(); // cost price
            String sell_price = dt.getValueAt(i, 5).toString(); // sell price
            String exp_date = dt.getValueAt(i, 6).toString(); // Delivery_Date
            String tot_price = dt.getValueAt(i, 7).toString(); // tot Price
            String Sub_tot = bill_tot.getText(); // sub tot Price
            String Disc = bill_dts_rs.getText(); // discount Price
            String Net_tot = balance.getText(); // Net total Price
            String sup_id = l_Sid.getText(); // supplier id
            //
            Insert Data
        //}
        //,GRN_NO,Sid,Barcode,Itm_Name,Qty,Cost_Price,Sell_Price,Exp_Date,Sub_Total,Discount,Net_Total
        Statement s = db.mycon().createStatement();
        s.executeUpdate(" INSERT INTO grn
        (GRN_NO,Sid,Barcode,Itm_Name,Qty,Cost_Price,Sell_Price,Delivery_Date,Sub_Total,Discount,Net_Total
        )
        VALUES
        ("+inid+","+sup_id+","+bar_code+"','"+P_name+"','"+qty+"','"+cost_price+"','"+sell_price+"','"+exp_date
        +"','"+Sub_tot+"','"+Disc+"','"+Net_tot+"") ");
        }
        JOptionPane.showMessageDialog(null, "Data Saved");
    } catch (HeadlessException | SQLException e) {
        System.out.println(e);
    }
    try {
        String id = inid.getText();
        Statement s = db.mycon().createStatement();
        s.executeUpdate("UPDATE grnextra SET gnVal='"+id+"' WHERE gnexid = 1");
    } catch (SQLException e) {
        System.out.println(e);
    }
    try {
        HashMap para = new HashMap();
        para.put("grnID", inid.getText()); // inv_id is ireport parameter name
        ReportView r =new ReportView("src\\reports\\grnReport.jasper", para);
        r.setVisible(true);
    } catch (Exception e) {
    }
}

```

```

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // remove all
    DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
    dt.setRowCount(0);
    cart_total();
    dsicount();
    totccall();
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // selected remove
    try {
        DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
        int rw = jTable1.getSelectedRow();
        dt.removeRow(rw);
    } catch (Exception e) {
    }
    cart_total();
    dsicount();
    totccall();
}

private void bill_dtsKeyReleased(java.awt.event.KeyEvent evt) {
    dsicount();
}

private void bill_dtsActionPerformed(java.awt.event.ActionEvent evt) {
}

private void com_proActionPerformed(java.awt.event.ActionEvent evt) {
    // load unit price
    String name = com_pro.getSelectedItem().toString();
    try {
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery("SELECT Bar_code,Price,Qty,Sell_Price FROM product WHERE Product_Name ='" + name + "' ");
        if (rs.next()) {
            txt_cost.setText(rs.getString("Price"));
            txt_sell.setText(rs.getString("Sell_Price"));
            txt_bar.setText(rs.getString("Bar_code"));
            p_qty.setText(rs.getString("Qty"));
        }
    } catch (SQLException e) {
        System.out.println(e);
    }
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // Total price cal
    int qty = Integer.valueOf(p_qty.getText());
    int prc = Integer.valueOf(txt_cost.getText());
    int sum = qty * prc ;
    DefaultTableModel dt = (DefaultTableModel) jTable1.getModel();
}

```

```

Vector v = new Vector();
v.add(inid.getText()); // invoice id
v.add(txt_bar.getText()); // barcode
v.add(com_pro.getSelectedItem().toString()); // product name
v.add(p_qty.getText()); // p qyt
v.add(txt_cost.getText()); // unit price
v.add(txt_sell.getText()); // sell price
v.add(txt_DeliveryDate.getText()); // Delivery_Date
v.add(sum); // Total value
dt.addRow(v);
cart_total(); // cal Total of Table
dsicount();
totccall();
}
private void com_supActionPerformed(java.awt.event.ActionEvent evt) {
    // Load Supplier Data
    String name = com_sup.getSelectedItem().toString();
    try {
        Statement s = db.mycon().createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM supplier WHERE supplier_Name ='" + name + "' ");
        if (rs.next()) {
            l_Sid.setText(rs.getString("sid"));
        }
    } catch (SQLException e) {
        System.out.println(e);
    }
}
private void grnNoKeyReleased(java.awt.event.KeyEvent evt) {
    search_para();
}
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Date d = new Date();
    SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
    String dd = sdf.format(d);
    txt_DeliveryDate.setText(dd);
}
private void deliveryDateKeyReleased(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    search_para();
}
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    tbload();
}
// Variables declaration - do not modify
private javax.swing.JLabel balance;
private javax.swing.JTextField bill_dts;
private javax.swing.JLabel bill_dts_rs;
private javax.swing.JLabel bill_tot;

```

```
private javax.swing.JComboBox<String> com_pro;
private javax.swing.JComboBox<String> com_sup;
private javax.swing.JTextField deliveryDate;
private javax.swing.JTextField grnNo;
private javax.swing.JLabel inid;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;
private javax.swing.JLabel jLabel17;
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;
private javax.swing.JPanel jPanel6;
private javax.swing.JPanel jPanel7;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTabbedPane jTabbedPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTable jTable2;
private javax.swing.JLabel l_Sid;
private javax.swing.JTextField p_qty;
private javax.swing.JLabel tot_qty;
private javax.swing.JTextField txt_DeliveryDate;
private javax.swing.JTextField txt_bar;
private javax.swing.JTextField txt_cost;
private javax.swing.JTextField txt_sell;
// End of variables declaration
}
```

## reports.java

```
package pos.pro;
import java.util.HashMap;
/**
 *
 * @author Anuj
 */
public class reports extends javax.swing.JPanel {

    public reports() {
        initComponents();
    }
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {
        jPanel1 = new javax.swing.JPanel();
        jPanel2 = new javax.swing.JPanel();
        jLabel5 = new javax.swing.JLabel();
        para_inid = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jLabel6 = new javax.swing.JLabel();
        cust_id = new javax.swing.JTextField();
        jButton4 = new javax.swing.JButton();
        jLabel7 = new javax.swing.JLabel();
        grnNum = new javax.swing.JTextField();
        jButton5 = new javax.swing.JButton();
        jButton6 = new javax.swing.JButton();
        jPanel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());
        jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
        jLabel5.setText("Invoice NO :");
        para_inid.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
        para_inid.setText("0");
        para_inid.addActionListener(new java.awt.event.KeyAdapter() {
            public void keyReleased(java.awt.event.KeyEvent evt) {
                para_inidKeyReleased(evt);
            }
        });
        jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
        jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/clipboard1.png"))); // NOI18N
        jButton1.setText("View All Sales");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });
        jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
```

```

jButton2.setText("View");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
jButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/monthly.png"))); //
NOI18N
jButton3.setText("View Monthy Sales");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel6.setText("Customer ID :");
cust_id.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
cust_id.setText("0");
cust_id.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        cust_idKeyReleased(evt);
    }
});
jButton4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton4.setText("View");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jLabel7.setText("GRN NO :");
grnNum.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
grnNum.setText("0");
grnNum.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyReleased(java.awt.event.KeyEvent evt) {
        grnNumKeyReleased(evt);
    }
});
jButton5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton5.setText("View");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});
jButton6.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N

```

```

jButton6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/CustomerReport.png"))); // NOI18N
jButton6.setText("View All Customer's Report");
jButton6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton6ActionPerformed(evt);
    }
});
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(31, 31, 31)
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 164,
                javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 195,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            ).addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jButton6, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE, Short.MAX_VALUE)
        ).addGroup(jPanel2Layout.createSequentialGroup()
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addComponent(jLabel5)
                .addGap(29, 29, 29)
                .addComponent(para_inid, javax.swing.GroupLayout.PREFERRED_SIZE, 222,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            ).addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 111,
                javax.swing.GroupLayout.PREFERRED_SIZE)
        ).addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel6)
            .addComponent(jLabel7))
        .addGap(18, 18, 18)
    ).addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(grnNum, javax.swing.GroupLayout.PREFERRED_SIZE, 222,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 111,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    ).addGroup(jPanel2Layout.createSequentialGroup()
                        .addComponent(jPanel2Layout.createSequentialGroup()
                            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 222,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addGroup(jPanel2Layout.createSequentialGroup()
                                .addComponent(jLabel6)
                                .addComponent(jLabel7))
                        ).addGroup(jPanel2Layout.createSequentialGroup()
                            .addComponent(cust_id, javax.swing.GroupLayout.PREFERRED_SIZE, 222,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                        )
                    )
                )
            )
        )
    )
);

```

```

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))))))
    .addContainerGap()
);
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
    .addGap(66, 66, 66)
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1)
        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(30, 30, 30)
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel7)
            .addComponent(grnNum, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addContainerGap(96, Short.MAX_VALUE))
);
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(24, 24, 24)
                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(19, 19, 19)
                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap())
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(93, 93, 93)
        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
);
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(this);
this.setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addComponent(jPanel1,                               javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1,                               javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
}// </editor-fold>
private void para_inidKeyReleased(java.awt.event.KeyEvent evt) {
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // view all report
    ReportView r = new ReportView("src\\reports\\inidreport.jasper");
    r.setVisible(true);
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // invo_para ireport paramiter
    HashMap para = new HashMap();
    para.put("invo_para", para_inid.getText());
    ReportView r =new ReportView("src\\reports\\reportsearch.jasper", para);
    r.setVisible(true);
}
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try{
        ReportView r = new ReportView("src\\reports\\monthlyreport.jasper");
        r.setVisible(true);
    }
    catch(Exception e){
        System.out.println(e);
    }
}
private void cust_idKeyReleased(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
}
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    HashMap para = new HashMap();
    int customer_id = Integer.parseInt(cust_id.getText());
    para.put("cust_para",customer_id );
    ReportView r =new ReportView("src\\reports\\customerReport.jasper", para);
    r.setVisible(true);
}
private void grnNumKeyReleased(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
}
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

        HashMap para = new HashMap();
        int grn_number = Integer.parseInt(grnNum.getText());
        para.put("grnID", grn_number );
        ReportView r =new ReportView("src\\reports\\grnReport.jasper", para);
        r.setVisible(true);
    }

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    ReportView r = new ReportView("src\\reports\\allcustomer.jasper");
    r.setVisible(true);
}

// Variables declaration - do not modify
private javax.swing.JTextField cust_id;
private javax.swing.JTextField grnNum;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JTextField para_inid;
// End of variables declaration
}

```

## JpanelLoader.java

```

package pos.pro;
import javax.swing.JPanel;
public class JpanelLoader {
    public void jPanleLoader(JPanel Main,JPanel setPanel){
        Main.removeAll();
        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(Main);
        Main.setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(setPanel, javax.swing.GroupLayout.Alignment.LEADING,
                javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE,
                Short.MAX_VALUE)
        );
        System.gc();}}

```

## MonthlySalesUpdate.java

```
package pos.pro;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.SimpleDateFormat;
import java.util.Date;
/**
 *
 * @author Anuj
 */
public class MonthlySalesUpdate {
    static final String QUERY = "SELECT saleid , INID , Cid , Customer_Name , Total_Qty , Total_Bill , Status , Balance , purchaseDate" + " FROM sales";
    static final String selectSales = "SELECT idmonthlySales , totalSales" + " FROM monthlysales";
    public static void main(String[] args) throws ClassNotFoundException {
        // Open a connection
        String date = null, currentDate = null;
        int i=0;
        Date currentMonth = new Date();
        //LocalDate localDate = currentMonth.toInstant().atZone(ZoneId.systemDefault()).toLocalDate();
        //int monthNumber = localDate.getMonthValue();
        Class.forName("com.mysql.cj.jdbc.Driver");
        try{
            Statement stmt = db.mycon().createStatement();
            Statement salesstmt = db.mycon().createStatement();
            PreparedStatement psmt = db.mycon().prepareStatement("insert into monthlysales(totalSales,salesMonth) "+ "values(?, ?)");
            PreparedStatement updateSales = db.mycon().prepareStatement("update monthlysales set totalsales=? where salesMonth=?");
            ResultSet rs = stmt.executeQuery(QUERY);
            ResultSet salesRs = salesstmt.executeQuery(selectSales);
            } {
                while(rs.next()){
                    System.out.println(" Status: " + rs.getTimestamp("purchaseDate"));
                    System.out.println(" Status: " + rs.getDate("purchaseDate"));
                    date = new SimpleDateFormat("MMMM").format(rs.getDate("purchaseDate"));
                    currentDate = new SimpleDateFormat("MMMM").format(currentMonth);
                    System.out.println(date);
                    if(date.equalsIgnoreCase(currentDate)){
                        System.out.println("True");
                        i=i+1;
                        System.out.println(i);
                    }
                }
                System.out.println(i);
                if(date.equalsIgnoreCase(currentDate)){

```

```

        updateSales.setInt(1, i);
        updateSales.setString(2, currentDate);
        System.out.println("Sales updated");
    }
    else if(date != currentDate){
        psmt.setInt(1, i);
        psmt.setString(2, date);
        System.out.println("New Sales record inserted ");
    }
    while(salesRs.next()){
        System.out.println("Month: "+salesRs.getInt("idmonthlySales"));
        System.out.println("Total Sales: "+salesRs.getInt("totalSales"));
    }
    if(currentMonth.getDate() != 24){
    }
    psmt.setInt(1, i);
    psmt.setString(2, date);
    psmt.execute();
} catch (SQLException e) {
    e.printStackTrace();
}
}
}

```

## ReportView.java

```

package pos.pro;
/**
 *
 * @author Anuj
 */
import java.awt.Container;
import java.sql.Connection;
import java.util.HashMap;
import javax.swing.*;
import net.sf.jasperreports.engine.JRException;
import net.sf.jasperreports.engine.JasperFillManager;
import net.sf.jasperreports.engine.JasperPrint;
import net.sf.jasperreports.engine.export.JRXlsExporter;
import net.sf.jasperreports.swing.JRViewer;
import pos.pro.db;
import org.jfree.util.PublicCloneable;
public class ReportView extends JFrame
{
    public ReportView(String fileName)
    {
        this(fileName, null);
    }
    public ReportView(String fileName, HashMap para)

```

```

{
    super("Anuj's Point of Sales System(Report Viewer)");
    db d = new db();
    Connection con = d.mycon();
    try
    {
        JasperPrint print = JasperFillManager.fillReport(fileName, para, con);
        JRViewer viewer = new JRViewer(print);
        Container c = getContentPane();
        c.add(viewer);
    }
    catch (JRException jRException)
    {
        System.out.println(jRException);
    }
    setBounds(2, 2, 900, 700);
    setDefaultCloseOperation(DISPOSE_ON_CLOSE);
}
void print()
{
    throw new UnsupportedOperationException("Not supported yet."); //To change body of generated
methods, choose Tools | Templates.
}
}

```

## db.java

```

package pos.pro;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
/**
 *
 * @author Anuj
 */
public class db {
    public static Connection mycon(){
        Connection con = null ;
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            con = DriverManager.getConnection("jdbc:mysql://localhost/pos","root","password");
            return con;
        } catch (ClassNotFoundException | SQLException e) {
            System.out.println(e);
            return null;
        } } }

```

## **empHome.java**

```
package pos.pro;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.net.InetAddress;
import java.net.UnknownHostException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.Timer;
public class empHome extends javax.swing.JFrame {
    JpanelLoader jupload = new JpanelLoader();
    public empHome() {
        initComponents();
        dt();
        Times();
        this.setExtendedState(empHome.MAXIMIZED_BOTH);
        jToggleButton2.setEnabled(false);
        jToggleButton3.setEnabled(false);
        jToggleButton4.setEnabled(false);
        jToggleButton6.setEnabled(false);
        jToggleButton7.setEnabled(false);
        try
        {
            //To Check the ip address of the machine
            InetAddress localhost = InetAddress.getLocalHost();
            ipLabel.setText("IP Address : "+localhost.getHostAddress());
        }
        catch (UnknownHostException ex)
        {
            Logger.getLogger(Home.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
    public void dt(){
        Date d = new Date();
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
        String dd = sdf.format(d);
        l_date.setText(dd);
    }
    Timer t;
    SimpleDateFormat sf;
    public void Times(){
        t = new Timer(0, new ActionListener(){
            @Override
            public void actionPerformed(ActionEvent e) {
                Date dt = new Date();
                sf = new SimpleDateFormat("hh:mm:ss a");
                sf.format(dt);
                l_time.setText(sf.format(dt));
            }
        });
        t.start();
    }
}
```

```

        String tt = sf.format(dt);
        l_time.setText(tt);
    }
});

t.start();
}

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    home_bnt_grp = new javax.swing.ButtonGroup();
    jPanel1 = new javax.swing.JPanel();
    jToggleButton1 = new javax.swing.JToggleButton();
    jToggleButton2 = new javax.swing.JToggleButton();
    jToggleButton3 = new javax.swing.JToggleButton();
    jToggleButton4 = new javax.swing.JToggleButton();
    jToggleButton5 = new javax.swing.JToggleButton();
    jToggleButton6 = new javax.swing.JToggleButton();
    jToggleButton7 = new javax.swing.JToggleButton();
    panel_load = new javax.swing.JPanel();
    ipLabel = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jPanel3 = new javax.swing.JPanel();
    jPanel4 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    l_date = new javax.swing.JLabel();
    l_time = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("Anuj's Java point of Sales");
    jPanel1.setBorder(javax.swing.BorderFactory.createEtchedBorder());
    home_bnt_grp.add(jToggleButton1);
    jToggleButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton1.setIcon(new
        javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/customer.png"))); // NOI18N
    jToggleButton1.setText("Customers");
    jToggleButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton1ActionPerformed(evt);
        }
    });
    home_bnt_grp.add(jToggleButton2);
    jToggleButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton2.setIcon(new
        javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/supplier.png"))); // NOI18N
    jToggleButton2.setText("supplier");
    jToggleButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton2ActionPerformed(evt);
        }
    });
}

```

```

        }
    });
    home_bnt_grp.add(jToggleButton3);
    jToggleButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton3.setIcon(new
    javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/product.png"))); // NOI18N
    jToggleButton3.setText("Product");
    jToggleButton3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton3ActionPerformed(evt);
        }
    });
    home_bnt_grp.add(jToggleButton4);
    jToggleButton4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton4.setIcon(new
    javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/emp.png"))); // NOI18N
    jToggleButton4.setText("employee");
    jToggleButton4.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton4ActionPerformed(evt);
        }
    });
    home_bnt_grp.add(jToggleButton5);
    jToggleButton5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton5.setIcon(new
    javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/sales_menu.png"))); // NOI18N
    jToggleButton5.setText("Sales");
    jToggleButton5.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton5ActionPerformed(evt);
        }
    });
    home_bnt_grp.add(jToggleButton6);
    jToggleButton6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton6.setIcon(new
    javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/invo.png"))); // NOI18N
    jToggleButton6.setText("Invoice");
    jToggleButton6.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jToggleButton6ActionPerformed(evt);
        }
    });
    home_bnt_grp.add(jToggleButton7);
    jToggleButton7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jToggleButton7.setIcon(new
    javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/reports.png"))); // NOI18N
    jToggleButton7.setText("Reports");
    jToggleButton7.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {

```

```

        jToggleButton7ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(162, 162, 162)
        .addComponent(jToggleButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 162,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jToggleButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 162,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jToggleButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 162,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jToggleButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 162,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jToggleButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 162,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jToggleButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 162,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jToggleButton7, javax.swing.GroupLayout.PREFERRED_SIZE, 162,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    )
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(20, Short.MAX_VALUE)
        .addGap(206, Short.MAX_VALUE)
    )
);

jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(46, 46, 46)
        .addComponent(jToggleButton1)
        .addGap(14, javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jToggleButton2)
        .addGap(14, javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jToggleButton4)
        .addGap(14, javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jToggleButton3)
        .addGap(14, javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jToggleButton5)
        .addGap(14, javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jToggleButton6)
        .addGap(14, javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jToggleButton7)
    )
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(206, Short.MAX_VALUE)
        .addGap(206, Short.MAX_VALUE)
    )
);

panel_load.setBorder(javax.swing.BorderFactory.createEtchedBorder());
ipLabel.setFont(new java.awt.Font("Arial", 1, 24)); // NOI18N
ipLabel.setText("jLabel2");
jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

```

```

jLabel5.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/point-of-sale
(1).png"))); // NOI18N
jLabel5.setText("Welcome TO Java Point of Sales System. ");
javax.swing.GroupLayout panel_loadLayout = new javax.swing.GroupLayout(panel_load);
panel_load.setLayout(panel_loadLayout);
panel_loadLayout.setHorizontalGroup(
    panel_loadLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(panel_loadLayout.createSequentialGroup()
        .addGap(73, 73, 73)
        .addComponent(ipLabel, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE)
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(467, 467, 467)
        .addComponent(ipLabel, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE)
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(42, 42, 42))
);
panel_loadLayout.setVerticalGroup(
    panel_loadLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(panel_loadLayout.createSequentialGroup()
        .addGap(73, 73, 73)
        .addComponent(ipLabel, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE)
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(467, 467, 467)
        .addComponent(ipLabel, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE)
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(42, 42, 42))
);
jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jPanel4.setBorder(javax.swing.BorderFactory.createEtchedBorder());
jLabel2.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N
jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel2.setText("Date :");
jLabel3.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N
jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel3.setText("Time :");
l_date.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N
l_date.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
l_date.setText("Current date");
l_time.setFont(new java.awt.Font("SansSerif", 1, 16)); // NOI18N
l_time.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
l_time.setText("current time");
jLabel4.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/schedule.png"))); // NOI18N
javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
jPanel4.setLayout(jPanel4Layout);
jPanel4Layout.setHorizontalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
);

```

```

        .addGap(33, 33, 33)
        .addComponent(jLabel2,           javax.swing.GroupLayout.PREFERRED_SIZE,      46,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(l_date,           javax.swing.GroupLayout.PREFERRED_SIZE,      126,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(42, 42, 42)
        .addComponent(jLabel3)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(l_time,           javax.swing.GroupLayout.PREFERRED_SIZE,      135,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 640, Short.MAX_VALUE))

    );
    jPanel4Layout.setVerticalGroup(
        jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel4Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel4,           javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(l_date)
                    .addComponent(jLabel3,           javax.swing.GroupLayout.DEFAULT_SIZE,      34,
Short.MAX_VALUE)
                    .addComponent(l_time)
                    .addComponent(jLabel2,           javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
            .addContainerGap()
        );
        javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
        jPanel3.setLayout(jPanel3Layout);
        jPanel3Layout.setHorizontalGroup(
            jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGap(0, 0, Short.MAX_VALUE)
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addComponent(jPanel4,           javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                    .addContainerGap()))
            .addContainerGap()
        );
        jPanel3Layout.setVerticalGroup(
            jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGap(0, 90, Short.MAX_VALUE)
            .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addComponent(jPanel4,           javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                    .addContainerGap())
            .addContainerGap()
        );

```

```

        .addComponent(jPanel4,                               javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jPanel3,                               javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(jPanel1,                               javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(panel_load,                         javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
pack();
}

private void jToggleButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    customer cus = new customer();
    jupload.JPanelLoader(panel_load, cus);}
private void jToggleButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    supplier sp = new supplier();
    jupload.JPanelLoader(panel_load, sp);    }
private void jToggleButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    employee emp =new employee();
    jupload.JPanelLoader(panel_load, emp);}
private void jToggleButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    product pro =new product();
    jupload.JPanelLoader(panel_load, pro);    }
private void jToggleButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    sale sl = new sale();
    jupload.JPanelLoader(panel_load, sl);    }
private void jToggleButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    Invoice inv = new Invoice();
    jupload.JPanelLoader(panel_load, inv);}
private void jToggleButton7ActionPerformed(java.awt.event.ActionEvent evt) {
    reports rp = new reports();
    jupload.JPanelLoader(panel_load, rp);    }

public static void main(String args[]) {
    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(empHome.class.getName()).log(java.util.logging.Level.SEVERE, null,
ex);
} catch (InstantiationException ex) {

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

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

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

java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new empHome().setVisible(true);}});}

// Variables declaration - do not modify
private javax.swing.ButtonGroup home_bnt_grp;
private javax.swing.JLabel ipLabel;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JToggleButton jToggleButton1;
private javax.swing.JToggleButton jToggleButton2;
private javax.swing.JToggleButton jToggleButton3;
private javax.swing.JToggleButton jToggleButton4;
private javax.swing.JToggleButton jToggleButton5;
private javax.swing.JToggleButton jToggleButton6;
private javax.swing.JToggleButton jToggleButton7;
private javax.swing.JLabel l_date;
private javax.swing.JLabel l_time;
public javax.swing.JPanel panel_load;    }

```

## **loginAdmin.java**

```
package pos.pro;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.JPanel;
import javax.swing.UIManager;
/***
 *
 * @author Anuj
 */
public class loginAdmin extends javax.swing.JFrame {
    JPanelLoader jpanel = new JPanelLoader();
    Home hm = new Home();
    empHome emp = new empHome();
    public loginAdmin() {
        initComponents();
    }
    PreparedStatement pst;
    ResultSet rs;
    public void loginAdmin(){
        String user = username.getText();
        String pass = password.getText();
        try {
            pst = db.mycon().prepareStatement("select * from adminlogin where username = ? and password=? And usertype=?");
            pst.setString(1,user);
            pst.setString(2,pass);
            pst.setString(3,String.valueOf(jComboBox1.getSelectedItem()));
            System.out.println(String.valueOf(jComboBox1.getSelectedItem()));
            rs = pst.executeQuery();
            if(rs.next()){
                if(String.valueOf(jComboBox1.getSelectedItem())=="admin"){
                    hm.setVisible(true);
                    this.hide();
                } else if(String.valueOf(jComboBox1.getSelectedItem())=="employee"){
                    emp.setVisible(true);
                    this.hide();
                }
                System.out.print("Logged in");
            } else{
                JOptionPane.showMessageDialog(this, "Username and Password DO NOT MATCH!!!");
                JOptionPane jop = new JOptionPane();
                jop.setSize(100,100);
                username.setText("");
            }
        } catch (SQLException ex) {
            Logger.getLogger(loginAdmin.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
}
```

```

        password.setText("");
        username.requestFocus();
    } catch (SQLException ex) {
        Logger.getLogger(loginAdmin.class.getName()).log(Level.SEVERE, null, ex);}}
```

**@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();
    jLabel4 = new javax.swing.JLabel();
    username = new javax.swing.JTextField();
    password = new javax.swing.JPasswordField();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jLabel5 = new javax.swing.JLabel();
    jComboBox1 = new javax.swing.JComboBox<>();
    jLabel1.setText("jLabel1");
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("Anuj's Java Point of Sales");
    setBackground(new java.awt.Color(153, 153, 153));
    setIconImages(null);
    setPreferredSize(new java.awt.Dimension(600, 500));
    jLabel2.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
    jLabel2.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pos/pro/img/key.png"))); // NOI18N
    jLabel2.setText("Login");
    jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel3.setText("UserName : ");
    jLabel4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel4.setText("Password : ");
    username.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    password.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jButton1.setText("Login");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);}}));
    jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jButton2.setText("Exit");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);}}));
    jLabel5.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel5.setText("User Type : ");
    jComboBox1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
    jComboBox1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select User Type", "employee", "admin" }));
}

```

```

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(66, 66, 66)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(151, 151, 151)
                        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    ).addGap(140, 140, 140)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(129, 129, 129)
                        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(129, 129, 129)
                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(129, 129, 129)
                        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    ).addGap(233, 233, 233)
                    .addComponent(username, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                ).addGap(188, 188, 188)
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            ).addGap(87, 87, 87)
        ).addGap(167, 167, 167)
    ).addGap(87, 87, 87)
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(username, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        ).addGap(55, 55, 55)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    ).addGap(33, 33, 33)
);

```

```

        .addComponent(password,           javax.swing.GroupLayout.PREFERRED_SIZE,      42,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(41, 41, 41)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel5,           javax.swing.GroupLayout.PREFERRED_SIZE,      33,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jComboBox1,         javax.swing.GroupLayout.PREFERRED_SIZE,      47,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,      11,
Short.MAX_VALUE)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jButton1,         javax.swing.GroupLayout.PREFERRED_SIZE,      50,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jButton2,         javax.swing.GroupLayout.PREFERRED_SIZE,      50,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(51, 51, 51))
        );
    pack();
    setLocationRelativeTo(null);
}// </editor-fold>
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    loginAdmin();
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    System.exit(0);
}
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    // <editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
       * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {
        java.util.logging.Logger.getLogger(loginAdmin.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

```

```

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

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

java.util.logging.Logger.getLogger(loginAdmin.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 loginAdmin().setVisible(true);
    }
});
try {
    UIManager.setLookAndFeel("com.sun.java.swing.plaf.windows.WindowsLookAndFeel");
} catch (Exception ex) {
    ex.printStackTrace();
}
}

// Variables declaration – do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JComboBox<String> jComboBox1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JPasswordField password;
private javax.swing.JTextField username;
// End of variables declaration
private javax.swing.JPanel panel_load;
}

```

## Code For REPORTS:

### allcustomer.jrxml

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport                                     xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
http://jasperreports.sourceforge.net/xsd/jasperreport.xsd"      name="allcustomer"      language="groovy"
pageWidth="595"    pageHeight="842"    columnWidth="555"    leftMargin="20"    rightMargin="20"
topMargin="20" bottomMargin="20" uuid="e4106710-b1b3-454c-a07e-0117b402a4e9">
<property name="ireport.zoom" value="1.0" />
<property name="ireport.x" value="0" />
<property name="ireport.y" value="0" />
<style name="table">
<box>
<pen 118inewidth="1.0" lineColor="#000000" />
</box>
</style>
<style name="table_TH" mode="Opaque" backcolor="#FFE9BF">
<box>
<pen 118inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table_CH" mode="Opaque" backcolor="#FFF6E6">
<box>
<pen 118inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table_TD" mode="Opaque" backcolor="#FFFFFF">
<box>
<pen 118inewidth="0.5" lineColor="#000000" />
</box>
<conditionalStyle>
<conditionExpression><![CDATA[new
Boolean($V{REPORT_COUNT}.intValue()%2==0)]]></conditionExpression>
<style backcolor="#FFFCF8" />
</conditionalStyle>
</style>
<style name="table 1">
<box>
<pen 118inewidth="1.0" lineColor="#000000" />
</box>
</style>
<style name="table 1_TH" mode="Opaque" backcolor="#F0F8FF">
<box>
<pen 118inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 1_CH" mode="Opaque" backcolor="#BFE1FF">
```

```

<box>
<pen 119inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 1_TD" mode="Opaque" backcolor="#FFFFFF">
<box>
<pen 119inewidth="0.5" lineColor="#000000" />
</box>
</style>
<subDataset name="customer" uuid="6096188f-dade-45fd-8071-5f723a4ed27c">
<queryString language="SQL"><![CDATA[SELECT
customer.`cid` AS customer_cid,
customer.`customer_name` AS customer_customer_name,
customer.`Tp_Number` AS customer_Tp_Number,
customer.`email` AS customer_email,
customer.`city` AS customer_city,
customer.`address` AS customer_address
FROM
`customer` customer]]></queryString>
<field name="customer_cid" class="java.lang.Integer" />
<field name="customer_customer_name" class="java.lang.String" />
<field name="customer_Tp_Number" class="java.lang.String" />
<field name="customer_email" class="java.lang.String" />
<field name="customer_city" class="java.lang.String" />
<group name="customer_cid">
<groupExpression><![CDATA[$F{customer_cid}]]></groupExpression>
</group>
<group name="customer_customer_name">
<groupExpression><![CDATA[$F{customer_customer_name}]]></groupExpression>
</group>
<group name="customer_Tp_Number">
<groupExpression><![CDATA[$F{customer_Tp_Number}]]></groupExpression>
</group>
<group name="customer_email">
<groupExpression><![CDATA[$F{customer_email}]]></groupExpression>
</group>
</subDataset>
<queryString><![CDATA[SELECT
customer.`cid` AS customer_cid,
customer.`customer_name` AS customer_customer_name,
customer.`Tp_Number` AS customer_Tp_Number,
customer.`email` AS customer_email,
customer.`city` AS customer_city,
customer.`address` AS customer_address
FROM
`customer` customer]]></queryString>
<field name="customer_cid" class="java.lang.Integer" />
<field name="customer_customer_name" class="java.lang.String" />
<field name="customer_Tp_Number" class="java.lang.String" />

```

```

<field name="customer_email" class="java.lang.String" />
<field name="customer_city" class="java.lang.String" />
<field name="customer_address" class="java.lang.String" />
<background>
  <band splitType="Stretch" />
</background>
<title>
  <band height="94" splitType="Stretch">
    <image>
      <reportElement x="0" y="0" width="363" height="94" uuid="f23ab4c0-10fa-4438-9934-a69008a7eaae" />
      <imageExpression><![CDATA[“C:\\\\Users\\\\Anuj\\\\Downloads\\\\POS-JAVA-Netbeans-MySQL-master\\\\pos pro\\\\src\\\\reports\\\\logo.jpg”]]></imageExpression>
    </image>
    <staticText>
      <reportElement x="363" y="14" width="192" height="64" uuid="0b3df0a2-0dd5-459c-9109-3f56eb32a875" />
      <textElement>
        <font fontName="Times New Roman" size="24" isBold="true" isItalic="false" />
      </textElement>
      <text><![CDATA[Customer Report]]></text>
    </staticText>
  </band>
</title>
<pageHeader>
  <band height="35" splitType="Stretch">
    <line>
      <reportElement x="0" y="23" width="555" height="1" uuid="2db859b9-242a-4682-902b-8f3dfa525a5a" />
    </line>
  </band>
</pageHeader>
<columnHeader>
  <band height="61" splitType="Stretch" />
</columnHeader>
<detail>
  <band height="336" splitType="Stretch">
    <componentElement>
      <reportElement key="table 1" style="table 1" x="0" y="0" width="555" height="209" uuid="856839c2-2cee-4379-b0c1-1ae6ccb75176" />
      <jr:table xmlns:jr="http://jasperreports.sourceforge.net/jasperreports/components" xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports/components http://jasperreports.sourceforge.net/xsd/components.xsd">
        <datasetRun subDataset="customer" uuid="8238f841-526a-480b-80ae-28a79fad5016">
          <connectionExpression><![CDATA[$P{REPORT_CONNECTION}]]></connectionExpression>
        </datasetRun>
        <jr:column width="106" uuid="da66170a-8f30-4e89-bebc-6af50be207c9">
          <jr:columnHeader style="table 1_CH" height="30" rowSpan="1">
            <staticText>

```

```

<reportElement x="0" y="0" width="90" height="30" uuid="d5690cbe-b072-47a1-bbb9-fd4290cd111c"/>
  <textElement textAlignment="Center" verticalAlignment="Middle">
    <font isBold="true" />
  </textElement>
  <text><![CDATA[Customer ID]]></text>
</staticText>
</jr:columnHeader>
<jr:detailCell style="table 1_TD" height="20" rowSpan="1">
  <textField>
    <reportElement x="0" y="0" width="90" height="20" uuid="774c6aa8-aca8-475e-9b4e-55d5acacae19"/>
      <textElement textAlignment="Center" verticalAlignment="Middle" />
      <textFieldExpression><![CDATA[$F{customer_cid}]]></textFieldExpression>
    </textField>
  </jr:detailCell>
</jr:column>
<jr:column width="111" uuid="3900e74b-9686-4515-80e6-c534d9e6fc58">
  <jr:columnHeader style="table 1_CH" height="30" rowSpan="1">
    <staticText>
      <reportElement x="0" y="0" width="90" height="30" uuid="f12bfda0-64d3-4be2-b015-55b38619621b"/>
        <textElement textAlignment="Center" verticalAlignment="Middle">
          <font isBold="true" />
        </textElement>
        <text><![CDATA[Customer Name]]></text>
      </staticText>
    </jr:columnHeader>
    <jr:detailCell style="table 1_TD" height="20" rowSpan="1">
      <textField>
        <reportElement x="0" y="0" width="90" height="20" uuid="8675f5c8-65af-4a0f-bfc5-ca089cc4e1a9"/>
          <textElement textAlignment="Center" verticalAlignment="Middle" />
          <textFieldExpression><![CDATA[$F{customer_customer_name}]]></textFieldExpression>
        </textField>
      </jr:detailCell>
    </jr:column>
    <jr:column width="115" uuid="1694f889-6409-427c-a658-673e258410df">
      <jr:columnHeader style="table 1_CH" height="30" rowSpan="1">
        <staticText>
          <reportElement x="0" y="0" width="90" height="30" uuid="77b593de-6b6a-4a62-a947-be7cb4fb241d"/>
            <textElement textAlignment="Center" verticalAlignment="Middle">
              <font isBold="true" />
            </textElement>
            <text><![CDATA[Mobile Number]]></text>
          </staticText>
        </jr:columnHeader>
        <jr:detailCell style="table 1_TD" height="20" rowSpan="1">

```

```

<textField>
  <reportElement x="0" y="0" width="90" height="20" uuid="74ff82a7-e8a7-40a2-becb-1da28b844119" />
    <textElement textAlignment="Center" verticalAlignment="Middle" />
    <textFieldExpression><![CDATA[$F{customer_Tp_Number}]]></textFieldExpression>
  </textField>
</jr:detailCell>
</jr:column>
<jr:column width="125" uuid="4b307410-0051-41ac-9b06-4b8b7a95e9c9">
  <jr:columnHeader style="table 1_CH" height="30" rowSpan="1">
    <staticText>
      <reportElement x="0" y="0" width="90" height="30" uuid="038ce419-f4c3-49d4-8818-a18ae2ac1096" />
      <textElement textAlignment="Center" verticalAlignment="Middle" />
        <font isBold="true" />
      </textElement>
      <text><![CDATA[Email]]></text>
      <staticText>
        </jr:columnHeader>
        <jr:detailCell style="table 1_TD" height="20" rowSpan="1">
          <textField>
            <reportElement x="0" y="0" width="90" height="20" uuid="bfd6496f-c8bb-4bb5-90ee-6da78b202b90" />
            <textElement textAlignment="Center" verticalAlignment="Middle" />
            <textFieldExpression><![CDATA[$F{customer_email}]]></textFieldExpression>
          </textField>
        </jr:detailCell>
      </jr:column>
      <jr:column width="96" uuid="ec9348c8-3a6a-4403-b0fb-7510b2a7aa1d">
        <jr:columnHeader style="table 1_CH" height="30" rowSpan="1">
          <staticText>
            <reportElement x="0" y="0" width="90" height="30" uuid="aeb5719a-96ce-4a56-992f-04146bf277e5" />
            <textElement textAlignment="Center" verticalAlignment="Middle" />
              <font isBold="true" />
            </textElement>
            <text><![CDATA[City]]></text>
            <staticText>
              </jr:columnHeader>
              <jr:detailCell style="table 1_TD" height="20" rowSpan="1">
                <textField>
                  <reportElement x="0" y="0" width="90" height="20" uuid="1901ce98-d3b7-4a88-8de7-4bebfba3343" />
                  <textElement textAlignment="Center" verticalAlignment="Middle" />
                  <textFieldExpression><![CDATA[$F{customer_city}]]></textFieldExpression>
                </textField>
              </jr:detailCell>
            </jr:column>
          </jr:table>

```

```
</componentElement>
</band>
</detail>
<columnFooter>
<band height="45" splitType="Stretch">
<line>
<reportElement x="49" y="34" width="477" height="1" uuid="b9983742-fdaf-4823-a742-c245a1132cbd" />
</line>
</band>
</columnFooter>
<pageFooter>
<band height="84" splitType="Stretch">
<textField pattern="EEEEEE dd MMMMM yyyy">
<reportElement x="0" y="53" width="160" height="31" uuid="bfc1e9ba-dd67-402a-b4db-7bc9cb62dc34" />
<textElement>
<font size="15" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
<staticText>
<reportElement x="363" y="53" width="192" height="31" uuid="eef84146-1438-4983-a661-ad5ea7bf630f" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font size="13" />
</textElement>
<text><![CDATA[© Anuj Jambhale]]></text>
</staticText>
</band>
</pageFooter>
<summary>
<band height="42" splitType="Stretch" />
</summary>
</jasperReport>
```

## **monthlyreport.jrxml**

```
<?xml version="1.0" encoding="UTF-8"?>

<jasperReport                               xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
    http://jasperreports.sourceforge.net/xsd/jasperreport.xsd" name="report1" language="groovy" pageWidth="595"
    pageHeight="842"    columnWidth="555"    leftMargin="20"    rightMargin="20"    topMargin="20"
    bottomMargin="20" uuid="e4f0dbaf-f259-4576-a5b6-56a7ad68e78d">

    <property name="ireport.zoom" value="1.0" />
    <property name="ireport.x" value="0" />
    <property name="ireport.y" value="0" />
    <queryString><![CDATA[SELECT
        monthlysales.`idmonthlySales` AS monthlysales_idmonthlySales,
        monthlysales.`totalSales` AS monthlysales_totalSales,
        monthlysales.`salesMonth` AS monthlysales_salesMonth
    FROM
        `monthlysales` monthlysales]]></queryString>
    <field name="monthlysales_idmonthlySales" class="java.lang.Integer" />
    <field name="monthlysales_totalSales" class="java.lang.Integer" />
    <field name="monthlysales_salesMonth" class="java.lang.String" />
    <background>
        <band splitType="Stretch" />
    </background>
    <title>
        <band height="79" splitType="Stretch">
            <image>
                <reportElement x="0" y="0" width="365" height="69" uuid="2875bf30-0c55-4f0d-9b22-9cbc184c3d23" />
                <imageExpression><![CDATA["C:\\Users\\Anuj\\Downloads\\POS-JAVA-Netbeans-MySQL-master\\pos
pro\\src\\reports\\logo.jpg"]]></imageExpression>
            </image>
            <staticText>
                <reportElement x="365" y="17" width="190" height="40" uuid="55612ffb-53df-4684-8dae-e4f18e17e904" />
            <textElement>
```

```

<font fontName="Times New Roman" size="20" />
</textElement>
<text><![CDATA[Monthly Sales Report]]></text>
</staticText>
</band>
</title>
<pageHeader>
<band height="35" splitType="Stretch" />
</pageHeader>
<pageFooter>
<band height="54" splitType="Stretch">
<textField pattern="EEEEEE dd MMMMM yyyy">
<reportElement x="25" y="34" width="201" height="20" uuid="631eaa9c-2f86-429b-a8f4-a0ab179e7b6b"
/>
<textElement>
<font size="14" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
<staticText>
<reportElement x="465" y="34" width="90" height="20" uuid="5ec67a6b-a4fc-4550-9ad0-89a1d6861818"
/>
<textElement>
<font size="11" />
</textElement>
<text><![CDATA[© Anuj Jambhale]]></text>
</staticText>
<line>
<reportElement x="25" y="10" width="503" height="1" uuid="2172a377-3918-4846-9976-60b709cad539"
/>
</line> </band>
</pageFooter> <summary>
<band height="329">

```

```
<barChart>

    <chart>

        <reportElement x="0" y="51" width="555" height="226" uuid="d6037727-c9d1-4aba-9448-3acad4d6939c" />

        <chartTitle />      <chartSubtitle />

        <chartLegend />     </chart>

        <categoryDataset>    <categorySeries>

            <seriesExpression><![CDATA[$F{monthlysales_idmonthlySales}]]></seriesExpression>
            <categoryExpression><![CDATA[$F{monthlysales_salesMonth}]]></categoryExpression>
            <valueExpression><![CDATA[$F{monthlysales_totalSales}]]></valueExpression>

        </categorySeries>
        </categoryDataset>

        <barPlot>

            <plot />
            <itemLabel />

            <categoryAxisFormat>
                <axisFormat />
            </categoryAxisFormat>

            <valueAxisFormat>
                <axisFormat />
            </valueAxisFormat>

        </barPlot>
    </barChart>

</band>
</summary>
</jasperReport>
```

## Stockall.jrxml

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport                                     xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
    http://jasperreports.sourceforge.net/xsd/jasperreport.xsd"      name="stockall"      language="groovy"
    pageWidth="595"    pageHeight="842"    columnWidth="535"    leftMargin="20"    rightMargin="20"
    topMargin="20"    bottomMargin="20"    uuid="f5079d43-93c8-487d-a1da-fe499c72c8cf">
    <style name="Title" fontName="Arial" fontSize="26" isBold="true" pdfFontName="Helvetica-Bold" />
    <style name="SubTitle" forecolor="#666666" fontName="Arial" fontSize="18" />
    <style name="Column header" forecolor="#666666" fontName="Arial" fontSize="12" isBold="true" />
    <style name="Detail" fontName="Arial" fontSize="12" />
    <queryString language="SQL"><![CDATA[SELECT
        company.`idcompany` AS company_idcompany,
        company.`Name` AS company_Name,
        company.`Address` AS company_Address,
        company.`TP_NO` AS company_TP_NO,
        company.`Email` AS company_Email,
        company.`Web` AS company_Web,
        company.`online` AS company_online,
        company.`info` AS company_info,
        company.`Comment` AS company_Comment,
        stock.`idStock` AS stock_idStock,
        stock.`Bill_ID` AS stock_Bill_ID,
        stock.`Bar_Code` AS stock_Bar_Code,
        stock.`PID` AS stock_PID,
        stock.`Product_Name` AS stock_Product_Name,
        stock.`Cat_ID` AS stock_Cat_ID,
        stock.`Category_Name` AS stock_Category_Name,
        stock.`Unit_Price` AS stock_Unit_Price,
        stock.`Quantity` AS stock_Quantity,
        stock.`Default_Unit` AS stock_Default_Unit,
        stock.`MF_Date` AS stock_MF_Date,
        stock.`Exp_Date` AS stock_Exp_Date,
        stock.`B_N` AS stock_B_N,
        stock.`SID` AS stock_SID,
        stock.`Supplier_Name` AS stock_Supplier_Name,
        stock.`Brand_Name` AS stock_Brand_Name,
        stock.`Private_Note` AS stock_Private_Note
    FROM
        `company` company,
        `stock` stock]]></queryString>
    <field name="company_idcompany" class="java.lang.Long" />
    <field name="company_Name" class="java.lang.String" />
    <field name="company_Address" class="java.lang.String" />
    <field name="company_TP_NO" class="java.lang.String" />
    <field name="company_Email" class="java.lang.String" />
    <field name="company_Web" class="java.lang.String" />
```

```

<field name="company_online" class="java.lang.String" />
<field name="company_info" class="java.lang.String" />
<field name="company_Comment" class="java.lang.String" />
<field name="stock_idStock" class="java.lang.Long" />
<field name="stock_Bill_ID" class="java.lang.String" />
<field name="stock_Bar_Code" class="java.lang.String" />
<field name="stock_PID" class="java.lang.String" />
<field name="stock_Product_Name" class="java.lang.String" />
<field name="stock_Cat_ID" class="java.lang.String" />
<field name="stock_Category_Name" class="java.lang.String" />
<field name="stock_Unit_Price" class="java.lang.String" />
<field name="stock_Quantity" class="java.lang.String" />
<field name="stock_Default_Unit" class="java.lang.String" />
<field name="stock_MF_Date" class="java.lang.String" />
<field name="stock_Exp_Date" class="java.lang.String" />
<field name="stock_B_N" class="java.lang.String" />
<field name="stock_SID" class="java.lang.String" />
<field name="stock_Supplier_Name" class="java.lang.String" />
<field name="stock_Brand_Name" class="java.lang.String" />
<field name="stock_Private_Note" class="java.lang.String" />
<background>
  <band splitType="Stretch" />
</background>
<title>
  <band height="70" splitType="Stretch">
    <image>
      <reportElement x="275" y="0" width="300" height="64" uuid="b65d934f-984f-48c1-8eaf-0b7f9a0de87c" />
      <imageExpression><![CDATA[leaf_banner_red.png]]></imageExpression>
    </image>
    <staticText>
      <reportElement style="Title" x="0" y="13" width="263" height="33" uuid="b093dbab-4eb2-497f-bff9-3470136db55b" />
      <textElement verticalAlignment="Middle" />
      <text><![CDATA[Leaf Red Title]]></text>
    </staticText>
    <staticText>
      <reportElement style="SubTitle" x="117" y="46" width="157" height="22" uuid="4a0bdaf2-8132-41ba-93c1-910c0c829c1d" />
      <text><![CDATA[Leaf Red SubTitle]]></text>
    </staticText>
  </band>
</title>
<pageHeader>
  <band splitType="Stretch" />
</pageHeader>
<columnHeader>
  <band height="36" splitType="Stretch">
    <line>

```

```

<reportElement positionType="FixRelativeToBottom" x="0" y="35" width="555" height="1" uuid="96a315dc-2b19-49ba-9120-e82300182cbf" />
<graphicElement>
<pen 129inewidth="0.5" lineColor="#999999" />
</graphicElement>
</line>
<staticText>
<reportElement style="Column header" x="0" y="19" width="21" height="15" uuid="947b8abf-89db-4a13-9d85-a3098a39111f" />
<text><![CDATA[company_idcompany]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="21" y="19" width="21" height="15" uuid="fe764699-4e58-4c17-afb0-d9e282703ec6" />
<text><![CDATA[company_Name]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="42" y="19" width="21" height="15" uuid="d83a63c9-3016-4c73-a2dc-c1b3711e060d" />
<text><![CDATA[company_Address]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="63" y="19" width="21" height="15" uuid="47538ea5-be75-4bed-91ae-12f67776f4e4" />
<text><![CDATA[company_TP_NO]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="84" y="19" width="21" height="15" uuid="ec75b524-6f40-4e6c-b5c4-868bd8fa55ae" />
<text><![CDATA[company_Email]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="105" y="19" width="21" height="15" uuid="7e5422e7-45d1-4786-a8d3-6700c84f5ab4" />
<text><![CDATA[company_Web]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="126" y="19" width="21" height="15" uuid="fe027a88-ba39-4847-b171-bc9bed800f32" />
<text><![CDATA[company_online]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="147" y="19" width="21" height="15" uuid="cf5fc42f-dde5-486e-8050-ccf64d91fb06" />
<text><![CDATA[company_info]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="168" y="19" width="21" height="15" uuid="2bf64272-8a14-467b-bdb7-3ae1e74e608a" />

```

```

<text><![CDATA[company_Comment]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="189" y="19" width="21" height="15" uuid="c7aa91b2-fc4e-4d65-b87c-c5434e77cefe" />
<text><![CDATA[stock_idStock]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="210" y="19" width="21" height="15" uuid="c7f8f72c-0ced-4638-ba87-3099b2ead1cc" />
<text><![CDATA[stock_Bill_ID]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="231" y="19" width="21" height="15" uuid="f0f996b9-8e41-4119-a7f5-216082437414" />
<text><![CDATA[stock_Bar_Code]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="252" y="19" width="21" height="15" uuid="7d82fb1-666d-49d7-a6fc-6b8da0718c05" />
<text><![CDATA[stock_PID]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="273" y="19" width="21" height="15" uuid="0d5ec769-3eab-4496-866b-46c5fd82256" />
<text><![CDATA[stock_Product_Name]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="294" y="19" width="21" height="15" uuid="2a7116e3-12d1-4ac4-ae44-7b7a3a95489f" />
<text><![CDATA[stock_Cat_ID]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="315" y="19" width="21" height="15" uuid="a02aac54-1389-4db6-8520-8ce785a93d44" />
<text><![CDATA[stock_Category_Name]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="336" y="19" width="21" height="15" uuid="ee2392a5-ef5a-4ac2-95d5-e5487461475f" />
<text><![CDATA[stock_Unit_Price]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="357" y="19" width="21" height="15" uuid="aca151c4-b810-4299-911f-c1d538fa6766" />
<text><![CDATA[stock_Quantity]]></text>
</staticText>
<staticText>

```

```

<reportElement style="Column header" x="378" y="19" width="21" height="15" uuid="1d3ea2cd-
bfbc-4748-9613-d9183434fa85" />
<text><![CDATA[stock_Default_Unit]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="399" y="19" width="21" height="15" uuid="fd30fd08-
23c7-48aa-9f7c-331db07956ad" />
<text><![CDATA[stock_MF_Date]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="420" y="19" width="21" height="15" uuid="7aef4e96-
be5c-42b4-ab95-1ae224803940" />
<text><![CDATA[stock_Exp_Date]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="441" y="19" width="21" height="15" uuid="ee0e34c1-
9c9d-4eed-9c82-e7aeb3db7dee" />
<text><![CDATA[stock_B_N]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="462" y="19" width="21" height="15" uuid="d80d5a51-
3c93-471e-99ca-fd9a89a50059" />
<text><![CDATA[stock_SID]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="483" y="19" width="21" height="15" uuid="e4fecfb1-
732a-4b8f-9fe9-f0dd8a10840d" />
<text><![CDATA[stock_Supplier_Name]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="504" y="19" width="21" height="15" uuid="d1f73555-
1057-4a4b-850f-8fe737127c04" />
<text><![CDATA[stock_Brand_Name]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="525" y="19" width="21" height="15" uuid="8a642d68-
571a-4e26-b331-637930d18060" />
<text><![CDATA[stock_Private_Note]]></text>
</staticText>
</band>
</columnHeader>
<detail>
<band height="16" splitType="Stretch">
<line>
<reportElement positionType="FixRelativeToBottom" x="0" y="15" width="555" height="1"
uuid="dc682284-026c-4e04-b299-1a14a118c526" />
<graphicElement>
<pen 131inewidth="0.5" lineColor="#999999" />
</graphicElement>

```

```

</line>
<textField>
<reportElement style="Detail" x="0" y="0" width="21" height="15" uuid="12655ce1-f923-4668-8a43-e447c62d0f57" />
<textFieldExpression><![CDATA[$F{company_idcompany}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="21" y="0" width="21" height="15" uuid="f7d1c80e-6b4c-438f-91b7-e012521aa6f9" />
<textFieldExpression><![CDATA[$F{company_Name}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="42" y="0" width="21" height="15" uuid="b37ae2d3-f203-41af-84d3-72a5cb26bd4f" />
<textFieldExpression><![CDATA[$F{company_Address}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="63" y="0" width="21" height="15" uuid="29e16cfa-6e12-44ee-9651-8ff6a8eb7f8d" />
<textFieldExpression><![CDATA[$F{company_TP_NO}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="84" y="0" width="21" height="15" uuid="5c4f562f-6450-4d66-80a3-b264070c1ebd" />
<textFieldExpression><![CDATA[$F{company_Email}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="105" y="0" width="21" height="15" uuid="279f6d84-68d4-42a3-9286-59dafac93397" />
<textFieldExpression><![CDATA[$F{company_Web}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="126" y="0" width="21" height="15" uuid="31e7d69f-2e8c-4363-b99b-1d1162e638e1" />
<textFieldExpression><![CDATA[$F{company_online}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="147" y="0" width="21" height="15" uuid="a76e4993-ed1b-4ad0-8dc8-7776c554e19b" />
<textFieldExpression><![CDATA[$F{company_info}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="168" y="0" width="21" height="15" uuid="a3e62a34-ce21-4dc1-898d-1e3e841807b2" />
<textFieldExpression><![CDATA[$F{company_Comment}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="189" y="0" width="21" height="15" uuid="9d1509a5-b61f-49b3-bbf4-8065dce31e2a" />

```

```

<textFieldExpression><![CDATA[$F{stock_idStock}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="210" y="0" width="21" height="15" uuid="cabd13ef-a06d-4d4a-aa48-55081ffa6cea" />
<textFieldExpression><![CDATA[$F{stock_Bill_ID}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="231" y="0" width="21" height="15" uuid="19a22ced-3653-450a-b6c5-6caddfd97b28" />
<textFieldExpression><![CDATA[$F{stock_Bar_Code}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="252" y="0" width="21" height="15" uuid="eabd6f5d-9395-4573-9308-59e1974db135" />
<textFieldExpression><![CDATA[$F{stock_PID}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="273" y="0" width="21" height="15" uuid="4df8cbac-c6b4-4d7f-8d37-8a8267379749" />
<textFieldExpression><![CDATA[$F{stock_Product_Name}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="294" y="0" width="21" height="15" uuid="a248c1c9-40f8-4fcf-89b7-eda26978ebf9" />
<textFieldExpression><![CDATA[$F{stock_Cat_ID}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="315" y="0" width="21" height="15" uuid="30166f0c-ce03-4132-a11e-cc2c457601a2" />
<textFieldExpression><![CDATA[$F{stock_Category_Name}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="336" y="0" width="21" height="15" uuid="1f459b03-aa09-4cf8-a67f-3f8ce1327681" />
<textFieldExpression><![CDATA[$F{stock_Unit_Price}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="357" y="0" width="21" height="15" uuid="60d14715-2498-45fc-ae2a-893192c462f6" />
<textFieldExpression><![CDATA[$F{stock_Quantity}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="378" y="0" width="21" height="15" uuid="feef1972-62cd-4e7b-8b5a-c88af72ba95f" />
<textFieldExpression><![CDATA[$F{stock_Default_Unit}]]></textFieldExpression>
</textField>
<textField>

```

```

<reportElement style="Detail" x="399" y="0" width="21" height="15" uuid="252f2730-8017-4c8e-874b-cc2b9d7fa566" />
<textFieldExpression><![CDATA[$F{stock_MF_Date}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="420" y="0" width="21" height="15" uuid="7fb95374-4305-4cb2-b290-1b7d12f8493d" />
<textFieldExpression><![CDATA[$F{stock_Exp_Date}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="441" y="0" width="21" height="15" uuid="b24ac93c-ba98-40c1-b183-8d0bf9f95c79" />
<textFieldExpression><![CDATA[$F{stock_B_N}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="462" y="0" width="21" height="15" uuid="3a42ce9b-aff7-4953-aa3c-3d4cac17ece5" />
<textFieldExpression><![CDATA[$F{stock_SID}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="483" y="0" width="21" height="15" uuid="d285e881-035a-43c2-afcd-a4a56f321a7b" />
<textFieldExpression><![CDATA[$F{stock_Supplier_Name}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="504" y="0" width="21" height="15" uuid="082b178c-fa22-4866-9272-cec136d299e9" />
<textFieldExpression><![CDATA[$F{stock_Brand_Name}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="525" y="0" width="21" height="15" uuid="98c9db95-2558-41fd-8f78-710a2d3457ef" />
<textFieldExpression><![CDATA[$F{stock_Private_Note}]]></textFieldExpression>
</textField>
</band>
</detail>
<columnFooter>
<band height="45" splitType="Stretch">
<line>
<reportElement positionType="FixRelativeToBottom" x="0" y="3" width="555" height="1" uuid="a0efe6eb-3ad6-41c2-a2d6-92504d6d8f71" />
<graphicElement>
<pen 134inewidth="0.5" lineColor="#999999" />
</graphicElement>
</line>
</band>
</columnFooter>
<pageFooter>
<band height="20" splitType="Stretch">

```

```
<textField>
  <reportElement style="Column header" x="433" y="0" width="80" height="20" uuid="9e94d266-95a7-4757-ab78-29aad3ae7636" />
  <textElement textAlignment="Right">
    <font size="10" isBold="false" />
  </textElement>
  <textFieldExpression><![CDATA[“Page “+$V{PAGE_NUMBER}+” of’]]></textFieldExpression>
</textField>
<textField evaluationTime="Report">
  <reportElement style="Column header" x="513" y="0" width="40" height="20" uuid="a27560a7-cc02-4716-9489-08c27589fb71" />
  <textElement>
    <font size="10" isBold="false" />
  </textElement>
  <textFieldExpression><![CDATA[“ “ + $V{PAGE_NUMBER}]]></textFieldExpression>
</textField>
<textField pattern="EEEEEE dd MMMMM yyyy">
  <reportElement style="Column header" x="0" y="0" width="197" height="20" uuid="9c58d64d-dc28-414f-b336-02af31d4a3e6" />
  <textElement>
    <font size="10" isBold="false" />
  </textElement>
  <textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
</band>
</pageFooter>
<summary>
  <band splitType="Stretch" />
</summary>
</jasperReport>
```

## grnReport.jrxml

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport                                     xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
                        http://jasperreports.sourceforge.net/xsd/jasperreport.xsd"      name="grnReport"      language="groovy"
    pageWidth="842"    pageHeight="595"    orientation="Landscape"    columnWidth="802"    leftMargin="20"
    rightMargin="20"   topMargin="20"    bottomMargin="20"    uuid="3c2134cb-e38b-4aac-9c8b-790cb010bc1f">
    <property name="ireport.zoom" value="1.0" />
    <property name="ireport.x" value="0" />
    <property name="ireport.y" value="0" />
    <style name="table">
        <box>
            <pen 136inewidth="1.0" lineWidth="1.0" color="#000000" />
        </box>
    </style>
    <style name="table_TH" mode="Opaque" backcolor="#F0F8FF">
        <box>
            <pen 136inewidth="0.5" lineWidth="0.5" color="#000000" />
        </box>
    </style>
    <style name="table_CH" mode="Opaque" backcolor="#BFE1FF">
        <box>
            <pen 136inewidth="0.5" lineWidth="0.5" color="#000000" />
        </box>
    </style>
    <style name="table_TD" mode="Opaque" backcolor="#FFFFFF">
        <box>
            <pen 136inewidth="0.5" lineWidth="0.5" color="#000000" />
        </box>
    </style>
    <style name="table 1">
        <box>
            <pen 136inewidth="1.0" lineWidth="1.0" color="#000000" />
        </box>
    </style>
    <style name="table 1_TH" mode="Opaque" backcolor="#F0F8FF">
        <box>
            <pen 136inewidth="0.5" lineWidth="0.5" color="#000000" />
        </box>
    </style>
    <style name="table 1_CH" mode="Opaque" backcolor="#BFE1FF">
        <box>
            <pen 136inewidth="0.5" lineWidth="0.5" color="#000000" />
        </box>
    </style>
    <style name="table 1_TD" mode="Opaque" backcolor="#FFFFFF">
```

```

<box>
<pen 137inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 2">
<box>
<pen 137inewidth="1.0" lineColor="#000000" />
</box>
</style>
<style name="table 2_TH" mode="Opaque" backcolor="#F0F8FF">
<box>
<pen 137inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 2_CH" mode="Opaque" backcolor="#BFE1FF">
<box>
<pen 137inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 2_TD" mode="Opaque" backcolor="#FFFFFF">
<box>
<pen 137inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 3">
<box>
<pen 137inewidth="1.0" lineColor="#000000" />
</box>
</style>
<style name="table 3_TH" mode="Opaque" backcolor="#F0F8FF">
<box>
<pen 137inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 3_CH" mode="Opaque" backcolor="#BFE1FF">
<box>
<pen 137inewidth="0.5" lineColor="#000000" />
</box>
</style>
<style name="table 3_TD" mode="Opaque" backcolor="#FFFFFF">
<box>
<pen 137inewidth="0.5" lineColor="#000000" />
</box>
</style>
<subDataset name="grnDataSet" uuid="50f2efe8-a263-423c-ac58-abbb64d02047">
<parameter name="grnID" class="java.lang.String">
<defaultValueExpression />
</parameter>
<parameter name="grnNum" class="java.lang.String">

```

```

<defaultValueExpression />
</parameter>
<queryString><![CDATA[SELECT
grn.`Sid` AS grn_Sid,
grn.`Barcode` AS grn_Barcode,
grn.`Itm_Name` AS grn_Itm_Name,
grn.`Qty` AS grn_Qty,
grn.`Cost_Price` AS grn_Cost_Price,
grn.`Sell_Price` AS grn_Sell_Price,
grn.`Delivery_Date` AS grn_Delivery_Date,
grn.`Sub_Total` AS grn_Sub_Total,
grn.`Discount` AS grn_Discount,
grn.`Net_Total` AS grn_Net_Total,
grn.`GRN_NO` AS grn_GRN_NO,
grn.`id` AS grn_id
FROM
`grn` grn
WHERE
GRN_NO = $P{grnNum}]]></queryString>
<field name="grn_Sid" class="java.lang.String" />
<field name="grn_Barcode" class="java.lang.String" />
<field name="grn_Itm_Name" class="java.lang.String" />
<field name="grn_Qty" class="java.lang.String" />
<field name="grn_Cost_Price" class="java.lang.String" />
<field name="grn_Sell_Price" class="java.lang.String" />
<field name="grn_Delivery_Date" class="java.lang.String" />
<field name="grn_Sub_Total" class="java.lang.String" />
<field name="grn_Discount" class="java.lang.String" />
<field name="grn_Net_Total" class="java.lang.String" />
<field name="grn_GRN_NO" class="java.lang.String" />
<field name="grn_id" class="java.lang.Integer" />
</subDataset>
<parameter name="grnID" class="java.lang.String">
<defaultValueExpression />
</parameter>
<queryString><![CDATA[SELECT
grn.`id` AS grn_id,
grn.`GRN_NO` AS grn_GRN_NO,
grn.`Sid` AS grn_Sid,
grn.`Barcode` AS grn_Barcode,
grn.`Itm_Name` AS grn_Itm_Name,
grn.`Qty` AS grn_Qty,
grn.`Cost_Price` AS grn_Cost_Price,
grn.`Sell_Price` AS grn_Sell_Price,
grn.`Delivery_Date` AS grn_Delivery_Date,
grn.`Sub_Total` AS grn_Sub_Total,
grn.`Discount` AS grn_Discount,
grn.`Net_Total` AS grn_Net_Total
FROM
`grn` grn
WHERE
grn.id = $P{grnID}]]></queryString>
<field name="grn_id" class="java.lang.Integer" />
<field name="grn_GRN_NO" class="java.lang.String" />
<field name="grn_Sid" class="java.lang.String" />
<field name="grn_Barcode" class="java.lang.String" />
<field name="grn_Itm_Name" class="java.lang.String" />
<field name="grn_Qty" class="java.lang.Integer" />
<field name="grn_Cost_Price" class="java.math.BigDecimal" />
<field name="grn_Sell_Price" class="java.math.BigDecimal" />
<field name="grn_Delivery_Date" class="java.util.Date" />
<field name="grn_Sub_Total" class="java.math.BigDecimal" />
<field name="grn_Discount" class="java.math.BigDecimal" />
<field name="grn_Net_Total" class="java.math.BigDecimal" />

```

```

`grn` grn
WHERE
    GRN_NO = $P{grnID}]]></queryString>
<field name="grn_id" class="java.lang.Integer" />
<field name="grn_GRN_NO" class="java.lang.String" />
<field name="grn_Barcodes" class="java.lang.String" />
<field name="grn_Itm_Name" class="java.lang.String" />
<field name="grn_Qty" class="java.lang.String" />
<field name="grn_Cost_Price" class="java.lang.String" />
<field name="grn_Sell_Price" class="java.lang.String" />
<field name="grn_Delivery_Date" class="java.lang.String" />
<field name="grn_Sub_Total" class="java.lang.String" />
<field name="grn_Discount" class="java.lang.String" />
<field name="grn_Net_Total" class="java.lang.String" />
<variable name="grn_Sub_Total_1" class="java.lang.Integer" resetType="Page" calculation="Count">
    <variableExpression><![CDATA[$F{grn_Sub_Total}]]></variableExpression>
</variable>
<background>
    <band splitType="Stretch" />
</background>
<title>
    <band height="162" splitType="Stretch">
        <frame>
            <reportElement mode="Opaque" x="1" y="1" width="802" height="122" backcolor="#CCFFFF"
uuid="a2b80437-a9e2-4fb0-a726-df455968207b" />
            <box>
                <pen 139inewidth="0.25" />
                <topPen 139inewidth="0.25" />
                <leftPen 139inewidth="0.25" />
                <bottomPen 139inewidth="0.25" />
                <rightPen 139inewidth="0.25" />
            </box>
            <image>
                <reportElement x="0" y="0" width="246" height="67" uuid="dc022c0a-6535-43aa-b08d-
d6824971f816" />
                <imageExpression><![CDATA["C:\\Users\\Anuj\\Downloads\\POS-JAVA-Netbeans-MySQL-
master\\pos pro\\src\\reports\\logo.jpg"]]></imageExpression>
            </image>
            <staticText>
                <reportElement x="308" y="14" width="187" height="40" uuid="9c816a89-26ed-40e2-997a-
cd3a848e563f" />
                <textElement textAlignment="Center" verticalAlignment="Middle">
                    <font fontName="Arial" size="18" isBold="true" />
                </textElement>
                <text><![CDATA[ABC Company Ltd]]></text>
            </staticText>
            <staticText>
                <reportElement x="308" y="54" width="187" height="29" forecolor="#666666" uuid="a2be8880-
4b44-466f-b1d8-dde3f4e2ddda" />

```

```

<textElement textAlignment="Center" verticalAlignment="Middle">
    <font fontName="Arial" size="16" />
</textElement>
<text><![CDATA[1234 THANE ,INDIA]]></text>
</staticText>
<staticText>
    <reportElement x="282" y="83" width="238" height="29" forecolor="#666666" uuid="a34a0072-fee7-4e86-b85c-a53001be0351" />
    <textElement textAlignment="Center" verticalAlignment="Middle">
        <font fontName="Arial" size="16" />
    </textElement>
    <text><![CDATA[1565-2323-112, 6545-2325-232]]></text>
</staticText>
</frame>
<frame>
    <reportElement x="1" y="123" width="402" height="28" uuid="5f91a0c8-563f-475c-980b-1a9888a1241e" />
    <box>
        <pen 140inewidth="0.5" />
        <topPen 140inewidth="0.5" />
        <leftPen 140inewidth="0.5" />
        <bottomPen 140inewidth="0.5" />
        <rightPen 140inewidth="0.5" />
    </box>
    <textField>
        <reportElement x="150" y="0" width="144" height="28" uuid="69fa4b16-923c-4633-9c71-c2a5af1f1ff7" />
        <textElement textAlignment="Center" verticalAlignment="Middle">
            <font fontName="Arial" size="12" isBold="true" />
        </textElement>
        <textFieldExpression><![CDATA[$F{grn_GRN_NO}]]></textFieldExpression>
    </textField>
    <staticText>
        <reportElement x="1" y="0" width="149" height="28" uuid="29645a6c-722e-47bf-a643-147273ad023e" />
        <textElement textAlignment="Center" verticalAlignment="Middle">
            <font fontName="Arial" size="12" isBold="true" />
        </textElement>
        <text><![CDATA[GRN NUMBER:]]></text>
    </staticText>
</frame>
<frame>
    <reportElement x="403" y="123" width="400" height="28" uuid="b193fafc-ee79-4fb7-b377-9c0539a4b3a6" />
    <box>
        <pen 140inewidth="0.5" />
        <topPen 140inewidth="0.5" />
        <leftPen 140inewidth="0.5" />
        <bottomPen 140inewidth="0.5" />

```

```

<rightPen 141inewidth="0.5" />
</box>
<staticText>
  <reportElement x="0" y="0" width="149" height="28" uuid="06174d48-bbc7-4f71-97b5-0f81e1922f32" />
    <textElement textAlignment="Center" verticalAlignment="Middle">
      <font fontName="Arial" size="12" isBold="true" />
    </textElement>
    <text><![CDATA[DELIVERY DATE:]]></text>
  </staticText>
  <textField>
    <reportElement x="149" y="0" width="184" height="28" uuid="1f95e846-bed2-49d4-9d60-0dc2aaad047c" />
    <textElement textAlignment="Center" verticalAlignment="Middle">
      <font fontName="Arial" size="12" isBold="true" />
    </textElement>
    <textFieldExpression><![CDATA[$F{grn_Delivery_Date}]]></textFieldExpression>
  </textField>
</frame>
</band>
</title>
<detail>
<band height="69">
  <printWhenExpression><![CDATA[$V{REPORT_COUNT} == 1]]></printWhenExpression>
  <componentElement>
    <reportElement key="table 3" style="table 3" x="2" y="4" width="800" height="61" uuid="b892fd84-fe51-4d4a-88b5-1e2f66a90922">
      <printWhenExpression><![CDATA[$V{REPORT_COUNT} == 1]]></printWhenExpression>
      <reportElement>
        <jr:table xmlns:jr="http://jasperreports.sourceforge.net/jasperreports/components"
xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports/components
http://jasperreports.sourceforge.net/xsd/components.xsd">
          <datasetRun subDataset="grnDataSet" uuid="8ddcc02f-70df-42ac-91c2-c825fb5ca57b">
            <datasetParameter name="grnNum">
              <datasetParameterExpression><![CDATA[$P{grnID}]]></datasetParameterExpression>
            </datasetParameter>
            <connectionExpression><![CDATA[$P{REPORT_CONNECTION}]]></connectionExpression>
          </datasetRun>
          <jr:column width="98" uuid="f52a9a27-e335-4d77-98c3-280f3c6d0dfb">
            <jr:columnHeader style="table 3_CH" height="44" rowSpan="1">
              <staticText>
                <reportElement x="0" y="0" width="68" height="30" uuid="ac580b3e-792e-4ffc-ac76-f18d65721e28" />
                <textElement textAlignment="Center" verticalAlignment="Middle">
                  <font fontName="Arial" size="12" isBold="true" />
                </textElement>
                <text><![CDATA[Seller ID]]></text>
              </staticText>
            </jr:columnHeader>

```

```

<jr:detailCell style="table 3_TD" height="20" rowSpan="1">
  <textField>
    <reportElement x="0" y="0" width="68" height="20" uuid="46345899-519a-4549-9109-9e7fe789f9b0" />
    <textElement textAlignment="Center" verticalAlignment="Middle">
      <font fontName="Arial" size="12" />
    </textElement>
    <textFieldExpression><![CDATA[$F{grn_Sid}]]></textFieldExpression>
  </textField>
</jr:detailCell>
</jr:column>
<jr:column width="160" uuid="fc31ab27-d79d-4d08-ba67-a87845083213">
  <jr:columnHeader style="table 3_CH" height="44" rowSpan="1">
    <staticText>
      <reportElement x="7" y="0" width="106" height="30" uuid="a39c3c2d-6f08-4774-bcf1-0f24cad73371" />
      <textElement textAlignment="Center" verticalAlignment="Middle">
        <font fontName="Arial" size="14" isBold="true" />
      </textElement>
      <text><![CDATA[Barcode]]></text>
    </staticText>
  </jr:columnHeader>
  <jr:detailCell style="table 3_TD" height="20" rowSpan="1">
    <textField>
      <reportElement x="7" y="0" width="106" height="20" uuid="8514e793-75ad-47aa-8f22-d68f86380a8d" />
      <textElement textAlignment="Center" verticalAlignment="Middle">
        <font fontName="Arial" size="12" />
      </textElement>
      <textFieldExpression><![CDATA[$F{grn_Barcode}]]></textFieldExpression>
    </textField>
  </jr:detailCell>
</jr:column>
<jr:column width="166" uuid="e73c08c7-06b1-4b32-955a-4b491de24771">
  <jr:columnHeader style="table 3_CH" height="44" rowSpan="1">
    <staticText>
      <reportElement x="25" y="0" width="90" height="30" uuid="f388a77c-ff89-4b59-9876-f773424a4490" />
      <textElement textAlignment="Center" verticalAlignment="Middle">
        <font fontName="Arial" size="12" isBold="true" />
      </textElement>
      <text><![CDATA[Product Name]]></text>
    </staticText>
  </jr:columnHeader>
  <jr:detailCell style="table 3_TD" height="20" rowSpan="1">
    <textField>
      <reportElement x="25" y="0" width="90" height="20" uuid="66843e10-ea07-44aa-8ea9-b9d46306635c" />
      <textElement textAlignment="Center" verticalAlignment="Middle">

```

```

<font fontName="Arial" size="12" />
</textElement>
<textFieldExpression><![CDATA[$F{grn_Itm_Name}]]></textFieldExpression>
</textField>
</jr:detailCell>
</jr:column>
<jr:column width="88" uuid="4babeb6d-60b6-42eb-acdc-48db81c9d5f8">
<jr:columnHeader style="table 3_CH" height="44" rowSpan="1">
<staticText>
<reportElement x="0" y="0" width="81" height="30" uuid="a23ace3e-dd8e-4460-b864-aebbe8e604ce" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" size="12" isBold="true" />
</textElement>
<text><![CDATA[Quantity]]></text>
</staticText>
</jr:columnHeader>
<jr:detailCell style="table 3_TD" height="20" rowSpan="1">
<textField>
<reportElement x="0" y="0" width="81" height="20" uuid="316fd121-608e-4120-8ece-bea6f1037c3" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" size="12" />
</textElement>
<textFieldExpression><![CDATA[$F{grn_Qty}]]></textFieldExpression>
</textField>
</jr:detailCell>
</jr:column>
<jr:column width="135" uuid="bca5b653-886c-4bbd-8268-ab97ed4a3ff5">
<jr:columnHeader style="table 3_CH" height="44" rowSpan="1">
<staticText>
<reportElement x="0" y="0" width="75" height="30" uuid="1440eadd-fc34-42ba-82d9-0b0dd68980d0" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" size="12" isBold="true" />
</textElement>
<text><![CDATA[Cost Price]]></text>
</staticText>
</jr:columnHeader>
<jr:detailCell style="table 3_TD" height="20" rowSpan="1">
<textField>
<reportElement x="0" y="0" width="75" height="20" uuid="25d787ca-e22a-467a-9385-9d6b7415dc72" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" size="12" />
</textElement>
<textFieldExpression><![CDATA[$F{grn_Cost_Price}]]></textFieldExpression>
</textField>
</jr:detailCell>

```

```

</jr:column>
<jr:column width="150" uuid="18a6e9f1-fb8a-4c1a-a91d-5ab08f1f9452">
  <jr:columnHeader style="table 3_CH" height="44" rowSpan="1">
    <staticText>
      <reportElement x="0" y="0" width="79" height="30" uuid="30d310c5-45aa-4231-861b-03fd4064219d" />
      <textElement textAlignment="Center" verticalAlignment="Middle">
        <font fontName="Arial" size="12" isBold="true" />
      </textElement>
      <text><![CDATA[Selling Price]]></text>
    </staticText>
  </jr:columnHeader>
  <jr:detailCell style="table 3_TD" height="20" rowSpan="1">
    <textField>
      <reportElement x="0" y="0" width="79" height="20" uuid="3da37267-0eff-49b9-9131-9dbe63031cb7" />
      <textElement textAlignment="Center" verticalAlignment="Middle">
        <font fontName="Arial" size="12" />
      </textElement>
      <textFieldExpression><![CDATA[$F{grn_Sell_Price}]]></textFieldExpression>
    </textField>
  </jr:detailCell>
</jr:column>
</jr:table>
</componentElement>
</band>
</detail>
<pageFooter>
  <band height="172" splitType="Stretch">
    <frame>
      <reportElement x="547" y="0" width="255" height="39" uuid="8162e61e-54fe-4514-ac6d-6754696c7d02" />
      <box>
        <pen 144inewidth="1.0" />
        <topPen 144inewidth="1.0" />
        <leftPen 144inewidth="1.0" />
        <bottomPen 144inewidth="1.0" />
        <rightPen 144inewidth="1.0" />
      </box>
      <textField>
        <reportElement x="101" y="0" width="144" height="39" uuid="bf177964-ae4c-482e-aa95-36b6d3d6c193" />
        <textElement textAlignment="Center" verticalAlignment="Middle">
          <font fontName="Arial" size="14" isBold="true" />
        </textElement>
        <textFieldExpression><![CDATA[$F{grn_Sub_Total}]]></textFieldExpression>
      </textField>
      <staticText>

```

```

<reportElement x="13" y="0" width="88" height="39" uuid="69d02e5e-2e5d-4d79-8c52-fce4b67f0c9c" />
<textElement verticalAlignment="Middle">
<font fontName="Arial" size="14" isBold="true" />
</textElement>
<text><![CDATA[SUB TOTAL:]]></text>
</staticText>
</frame>
<frame>
<reportElement x="0" y="78" width="802" height="39" uuid="cbc29ed1-feac-4c7e-b902-2f731a1b9294" />
<box>
<pen 145inewidth="1.5" />
<topPen 145inewidth="1.5" />
<leftPen 145inewidth="1.5" />
<bottomPen 145inewidth="1.5" />
<rightPen 145inewidth="1.5" />
</box>
<staticText>
<reportElement x="536" y="0" width="112" height="39" uuid="02307aa4-2ca2-4503-b6d4-c0e6940245ab" />
<textElement textAlignment="Justified" verticalAlignment="Middle">
<font fontName="Arial" size="17" isBold="true" />
</textElement>
<text><![CDATA[Grand Total :]]></text>
</staticText>
<textField>
<reportElement x="648" y="0" width="154" height="39" uuid="41321e47-99b3-429b-b187-62665913db5f" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" size="17" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[$F{grn_Net_Total}]]></textFieldExpression>
</textField>
</frame>
<textField pattern="EEEEEE dd MMMMM yyyy">
<reportElement x="0" y="139" width="210" height="20" uuid="81272257-38b6-4299-bb90-bbce6732790d" />
<textElement>
<font fontName="Arial" size="12" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
<textField>
<reportElement x="636" y="139" width="80" height="20" uuid="6162dd24-ec8e-42ac-a8b2-9e182e808739" />
<textElement textAlignment="Right">
<font fontName="Arial" size="12" isBold="true" />
</textElement>

```

```

<textFieldExpression><![CDATA[“Page “+$V{PAGE_NUMBER}+” of’]]></textFieldExpression>
</textField>
<textField evaluationTime=”Report”>
  <reportElement x=”716” y=”139” width=”57” height=”20” uuid=”ad9853be-fec1-4930-899c-
cb47e96d999d” />
    <textElement>
      <font fontName=”Arial” size=”12” isBold=”true” />
    </textElement>
    <textFieldExpression><![CDATA[“ “ + $V{PAGE_NUMBER} ]]></textFieldExpression>
  </textField>
  <frame>
    <reportElement x=”547” y=”39” width=”255” height=”39” uuid=”e494cc7e-500a-456c-ad63-
6eea78ad9e5a” />
    <box>
      <pen 146inewidth=”1.0” />
      <topPen 146inewidth=”1.0” />
      <leftPen 146inewidth=”1.0” />
      <bottomPen 146inewidth=”1.0” />
      <rightPen 146inewidth=”1.0” />
    </box>
    <staticText>
      <reportElement x=”13” y=”0” width=”88” height=”39” uuid=”711a5f90-27a8-48cf-ab14-
490cd5e4ea9d” />
        <textElement textAlignment=”Center” verticalAlignment=”Middle”>
          <font fontName=”Arial” size=”14” isBold=”true” />
        </textElement>
        <text><![CDATA[Discount :]]></text>
    </staticText>
    <textField>
      <reportElement x=”101” y=”0” width=”144” height=”39” uuid=”b5e76fb5-e997-4175-85ee-
4bf655dad87b” />
        <textElement textAlignment=”Center” verticalAlignment=”Middle”>
          <font fontName=”Arial” size=”14” isBold=”true” />
        </textElement>
        <textFieldExpression><![CDATA[$F{grn_Discount} ]]></textFieldExpression>
    </textField>
  </frame>
  </band>
</pageFooter>
</jasperReport>

```

## Reportsearch.jrxml

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport
    xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
    http://jasperreports.sourceforge.net/xsd/jasperreport.xsd" name="reportsearch" language="groovy"
    pageWidth="595" pageHeight="842" columnWidth="535" leftMargin="20" rightMargin="20"
    topMargin="20" bottomMargin="20" uuid="94766305-be8a-4c43-9a74-acf6333ec24a">
    <property name="ireport.zoom" value="2.0" />
    <property name="ireport.x" value="0" />
    <property name="ireport.y" value="0" />
    <style name="Title" fontName="Arial" fontSize="26" isBold="true" pdfFontName="Helvetica-Bold" />
    <style name="SubTitle" forecolor="#666666" fontName="Arial" fontSize="18" />
    <style name="Column header" forecolor="#666666" fontName="Arial" fontSize="12" isBold="true" />
    <style name="Detail" fontName="Arial" fontSize="12" />
    <parameter name="invo_para" class="java.lang.String">
        <defaultValueExpression />
    </parameter>
    <queryString><![CDATA[SELECT
        cart.`cartid` AS cart_cartid,
        cart.`INID` AS cart_INID,
        cart.`Product_Name` AS cart_Product_Name,
        cart.`Bar_code` AS cart_Bar_code,
        cart.`qty` AS cart_qty,
        cart.`Unit_Price` AS cart_Unit_Price,
        cart.`Total_Price` AS cart_Total_Price
    FROM
        `cart` cart WHERE INID = $P{invo_para}]]></queryString>
    <field name="cart_cartid" class="java.lang.Integer" />
    <field name="cart_INID" class="java.lang.Integer" />
    <field name="cart_Product_Name" class="java.lang.String" />
    <field name="cart_Bar_code" class="java.lang.String" />
    <field name="cart_qty" class="java.lang.String" />
    <field name="cart_Unit_Price" class="java.lang.String" />
    <field name="cart_Total_Price" class="java.lang.String" />
    <background>
        <band splitType="Stretch" />
    </background>
    <title>
        <band height="70" splitType="Stretch">
            <image>
                <reportElement x="275" y="0" width="300" height="64" uuid="3ffb4635-1520-4133-bfa9-63ff28e4f47b" />
                <imageExpression><![CDATA[["logo.jpg"]]]></imageExpression>
            </image>
            <staticText>
                <reportElement style="Title" x="13" y="13" width="237" height="33" uuid="688d72bc-58f2-4e31-ac02-343ede060d77" />
```

```

<textElement verticalAlignment="Middle" />
<text><![CDATA[ABC Company Ltd]]></text>
</staticText>
<staticText>
<reportElement style="SubTitle" x="117" y="46" width="157" height="22" uuid="3e3f2b62-43be-4e4b-96de-12fd8d386adb" />
<text><![CDATA[By Anuj]]></text>
</staticText>
</band>
</title>
<pageHeader>
<band splitType="Stretch" />
</pageHeader>
<columnHeader>
<band height="36" splitType="Stretch">
<line>
<reportElement positionType="FixRelativeToBottom" x="0" y="35" width="555" height="1" uuid="bf76564f-c3e2-4e20-9d5c-2111218a1cc4" />
<graphicElement>
<pen 148inewidth="0.5" lineColor="#999999" />
</graphicElement>
</line>
<staticText>
<reportElement style="Column header" x="0" y="19" width="64" height="15" uuid="ec5f5bcf-c221-4696-8afa-2ff1815d0d1b" />
<text><![CDATA[cartid]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="64" y="19" width="56" height="15" uuid="741a7a42-ddfc-4ee7-92d1-1ed0135ae22c" />
<text><![CDATA[INID]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="120" y="19" width="102" height="15" uuid="8bc77a88-dacf-4dbf-9f90-248b3f0e6783" />
<text><![CDATA[Product Name]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="237" y="19" width="79" height="15" uuid="fe011240-9cff-4915-8eff-e359a71f2f01" />
<text><![CDATA[Barcode]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="316" y="19" width="79" height="15" uuid="f204bb7f-b556-46dd-834f-3b49110f866d" />
<text><![CDATA[Quantity]]></text>
</staticText>
<staticText>

```

```

<reportElement style="Column header" x="395" y="19" width="79" height="15" uuid="1b9f8923-cfcf-4b99-844a-9efec0842a5a" />
<text><![CDATA[Unit_Price]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="474" y="19" width="79" height="15" uuid="0b4b7673-095f-4725-b6d5-8b67ed815568" />
<text><![CDATA[Total_Price]]></text>
</staticText>
</band>
</columnHeader>
<detail>
<band height="37" splitType="Stretch">
<line>
<reportElement positionType="FixRelativeToBottom" x="0" y="26" width="555" height="1" uuid="36eb57d6-c668-4e91-8eb5-99b9a7a4c86f" />
<graphicElement>
<pen 149inewidth="0.5" lineColor="#999999" />
</graphicElement>
</line>
<textField>
<reportElement style="Detail" x="0" y="0" width="64" height="26" uuid="47b51e18-2a10-44eb-8717-29092c60efd4" />
<textElement verticalAlignment="Middle" />
<textFieldExpression><![CDATA[$F{cart_cartid}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="64" y="1" width="56" height="26" uuid="bd18d24e-7fc4-47cd-8b0a-c88427733145" />
<textElement verticalAlignment="Middle" />
<textFieldExpression><![CDATA[$F{cart_INID}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="120" y="0" width="102" height="26" uuid="7280492f-cb14-48e9-a2e7-419c23751336" />
<textElement verticalAlignment="Middle" />
<textFieldExpression><![CDATA[$F{cart_Product_Name}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="237" y="0" width="79" height="26" uuid="71510eb3-8f6b-4d28-9918-3fc95f2a6b9a" />
<textElement verticalAlignment="Middle" />
<textFieldExpression><![CDATA[$F{cart_Bar_code}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="316" y="0" width="79" height="26" uuid="28f7caf0-b256-4435-a404-dbb8d0da8fd9" />
<textElement textAlignment="Center" verticalAlignment="Middle" />
<textFieldExpression><![CDATA[$F{cart_qty}]]></textFieldExpression>

```

```

</textField>
<textField>
<reportElement style="Detail" x="395" y="0" width="79" height="26" uuid="a7e231e0-a1cf-4d8c-
bff-b3fb9628b87" />
<textElement verticalAlignment="Middle" />
<textFieldExpression><![CDATA[$F{cart_Unit_Price}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="474" y="0" width="79" height="26" uuid="5956402e-9ed5-40b1-
9756-848d84e594f3" />
<textElement verticalAlignment="Middle" />
<textFieldExpression><![CDATA[$F{cart_Total_Price}]]></textFieldExpression>
</textField>
</band>
</detail>
<columnFooter>
<band height="45" splitType="Stretch">
<line>
<reportElement positionType="FixRelativeToBottom" x="0" y="3" width="555" height="1"
uuid="6dd98c98-ba90-49f8-9798-fdcdd90a934c" />
<graphicElement>
<pen 150inewidth="0.5" lineColor="#999999" />
</graphicElement>
</line>
</band>
</columnFooter>
<pageFooter>
<band height="20" splitType="Stretch">
<textField>
<reportElement style="Column header" x="433" y="0" width="80" height="20" uuid="1a772bf2-576e-
47bc-a63b-05a46fe9e192" />
<textElement textAlignment="Right">
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA["Page " + $V{PAGE_NUMBER} + " of"]]></textFieldExpression>
</textField>
<textField evaluationTime="Report">
<reportElement style="Column header" x="513" y="0" width="40" height="20" uuid="8b7c9246-e23f-
4439-9d5a-9e36a7686b18" />
<textElement>
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA[" " + $V{PAGE_NUMBER}]]></textFieldExpression>
</textField>
<textField pattern="EEEEEE dd MMMMM yyyy">
<reportElement style="Column header" x="0" y="0" width="197" height="20" uuid="fb696cc2-c107-
4e59-9abe-925f3321619d" />
<textElement>
<font size="10" isBold="false" />

```

```
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
</band>
</pageFooter>
<summary>
<band splitType="Stretch" />
</summary>
</jasperReport>
```

## Inidreport.jrxml

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport                                     xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
    http://jasperreports.sourceforge.net/xsd/jasperreport.xsd"      name="inidreport"      language="groovy"
    pageWidth="595"    pageHeight="842"    columnWidth="535"    leftMargin="20"    rightMargin="20"
    topMargin="20"    bottomMargin="20"    uuid="a473c100-b691-4c92-83d1-058f2a9ee3bd">
    <property name="ireport.zoom" value="2.0" />
    <property name="ireport.x" value="0" />
    <property name="ireport.y" value="0" />
    <style name="Title" fontName="Arial" fontSize="26" isBold="true" pdfFontName="Helvetica-Bold" />
    <style name="SubTitle" forecolor="#666666" fontName="Arial" fontSize="18" />
    <style name="Column header" forecolor="#666666" fontName="Arial" fontSize="12" isBold="true" />
    <style name="Detail" fontName="Arial" fontSize="12" />
    <queryString language="SQL"><![CDATA[SELECT
        sales.`saleid` AS sales_saleid,
        sales.`INID` AS sales_INID,
        sales.`Cid` AS sales_Cid,
        sales.`Customer_Name` AS sales_Customer_Name,
        sales.`Total_Qty` AS sales_Total_Qty,
        sales.`Total_Bill` AS sales_Total_Bill,
        sales.`Status` AS sales_Status,
        sales.`Balance` AS sales_Balance
    FROM
        `sales` sales]]></queryString>
    <field name="sales_saleid" class="java.lang.Integer" />
    <field name="sales_INID" class="java.lang.Integer" />
    <field name="sales_Cid" class="java.lang.Integer" />
    <field name="sales_Customer_Name" class="java.lang.String" />
    <field name="sales_Total_Qty" class="java.lang.String" />
    <field name="sales_Total_Bill" class="java.lang.String" />
    <field name="sales_Status" class="java.lang.String" />
    <field name="sales_Balance" class="java.lang.String" />
    <background>
        <band splitType="Stretch" />
    </background>
    <title>
        <band height="70" splitType="Stretch">
            <image>
                <reportElement x="275" y="0" width="300" height="64" uuid="72f30eb2-f182-4f8a-8141-
696d58781cf6" />
                <imageExpression><![CDATA[["logo.jpg"]]></imageExpression>
            </image>
            <staticText>
                <reportElement style="Title" x="18" y="13" width="238" height="33" uuid="c5e15587-7835-487e-
af13-3747a73dcabb" />
                <textElement verticalAlignment="Middle" />
            </staticText>
        </band>
    </title>
    <pageHeader>
        <band height="50" splitType="Stretch">
            <staticText>
                <reportElement x="18" y="13" width="238" height="33" uuid="c5e15587-7835-487e-
af13-3747a73dcabb" />
                <textElement verticalAlignment="Middle" />
            </staticText>
        </band>
    </pageHeader>
    <pageFooter>
        <band height="50" splitType="Stretch">
            <staticText>
                <reportElement x="18" y="13" width="238" height="33" uuid="c5e15587-7835-487e-
af13-3747a73dcabb" />
                <textElement verticalAlignment="Middle" />
            </staticText>
        </band>
    </pageFooter>
    <detail>
        <band height="150" splitType="Stretch">
            <staticText>
                <reportElement x="18" y="13" width="238" height="33" uuid="c5e15587-7835-487e-
af13-3747a73dcabb" />
                <textElement verticalAlignment="Middle" />
            </staticText>
        </band>
    </detail>
    <summary>
        <band height="50" splitType="Stretch">
            <staticText>
                <reportElement x="18" y="13" width="238" height="33" uuid="c5e15587-7835-487e-
af13-3747a73dcabb" />
                <textElement verticalAlignment="Middle" />
            </staticText>
        </band>
    </summary>
    <pageNumber>
        <band height="20" splitType="Stretch" positionType="Absolute" positionY="820" />
    </pageNumber>

```

```

<text><![CDATA[ABC Company Ltd]]></text>
</staticText>
<staticText>
  <reportElement style="SubTitle" x="117" y="46" width="157" height="22" uuid="3b450d71-d117-4417-a685-2a0badfa3ab3" />
    <text><![CDATA[By Anuj]]></text>
  </staticText>
</band>
</title>
<pageHeader>
  <band splitType="Stretch" />
</pageHeader>
<columnHeader>
  <band height="38" splitType="Stretch">
    <line>
      <reportElement positionType="FixRelativeToBottom" x="0" y="35" width="555" height="1" uuid="6dc82875-b82a-44d6-8ba5-6478b84c09b6" />
      <graphicElement>
        <pen 153inewidth="0.5" lineColor="#999999" />
      </graphicElement>
    </line>
    <staticText>
      <reportElement style="Column header" x="0" y="19" width="44" height="15" uuid="71f9da53-1557-4c00-b746-4ef424e84ac6" />
        <text><![CDATA[sale id]]></text>
      </staticText>
      <staticText>
        <reportElement style="Column header" x="44" y="20" width="51" height="15" uuid="014280fb-22f4-4896-bcf5-8c3a17675272" />
          <textElement textAlignment="Center" />
          <text><![CDATA[INID]]></text>
        </staticText>
        <staticText>
          <reportElement style="Column header" x="95" y="20" width="43" height="15" uuid="383940e0-41ed-4bc4-970a-d7521cddd71e" />
            <textElement textAlignment="Center" />
            <text><![CDATA[Cid]]></text>
          </staticText>
          <staticText>
            <reportElement style="Column header" x="138" y="19" width="100" height="15" uuid="4deb3b4a-a055-40b9-900b-82c218dc036a" />
              <text><![CDATA[Customer_Name]]></text>
            </staticText>
            <staticText>
              <reportElement style="Column header" x="238" y="20" width="69" height="15" uuid="5d435981-e871-4ba4-a688-cb8f7396819c" />
                <text><![CDATA[Total_Qty]]></text>
              </staticText>
            </staticText>

```

```

<reportElement style="Column header" x="307" y="21" width="69" height="15" uuid="7831e3aa-
ee27-45b6-b933-5bd5be85da75" />
<text><![CDATA[Total_Bill]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="376" y="21" width="68" height="15" uuid="84a2f718-
2af5-4d8e-9c3a-4b7fa8ad3fde" />
<text><![CDATA[Status]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="444" y="21" width="69" height="15" uuid="a676108d-
cc14-4e1a-9971-6fe71ffa8201" />
<text><![CDATA[Balance]]></text>
</staticText>
</band>
</columnHeader>
<detail>
<band height="18" splitType="Stretch">
<textField>
<reportElement style="Detail" x="0" y="0" width="44" height="15" uuid="a987ed9d-5a55-4382-9967-
45b6964c5b2a" />
<textFieldExpression><![CDATA[$F{sales_saleid}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="44" y="0" width="51" height="15" uuid="493a3c40-c9b0-4e4e-
8d9c-c793aa7ebb90" />
<textFieldExpression><![CDATA[$F{sales_INID}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="95" y="0" width="43" height="15" uuid="ae4db4b6-d289-4c6e-
8333-d9eedd215c8b" />
<textFieldExpression><![CDATA[$F{sales_Cid}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="138" y="0" width="100" height="15" uuid="cbd2212e-3c16-485e-
917d-3512798f6502" />
<textFieldExpression><![CDATA[$F{sales_Customer_Name}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="238" y="0" width="69" height="15" uuid="ff9692ae-2522-4e71-
bb1f-ba1f790748cb" />
<textFieldExpression><![CDATA[$F{sales_Total_Qty}]]></textFieldExpression>
</textField>
<textField>
<reportElement style="Detail" x="307" y="1" width="69" height="15" uuid="97f9c4c5-df8c-405b-
8411-534b4a2c79c2" />
<textFieldExpression><![CDATA[$F{sales_Total_Bill}]]></textFieldExpression>
</textField>
<textField>

```

```

<reportElement style="Detail" x="376" y="0" width="68" height="15" uuid="eb8b5039-cbcb-44e2-97a2-9dcb7a7a6b16" />
  <textFieldExpression><![CDATA[$F{sales_Status}]]></textFieldExpression>
</textField>
<textField>
  <reportElement style="Detail" x="444" y="0" width="69" height="15" uuid="e348d7da-31f1-4136-a4d4-340a75e013b2" />
  <textFieldExpression><![CDATA[$F{sales_Balance}]]></textFieldExpression>
</textField>
<line>
  <reportElement positionType="FixRelativeToBottom" x="0" y="15" width="555" height="1" uuid="068804bc-0486-46c0-9c26-5fa3d0880f33" />
  <graphicElement>
    <pen 155inewidth="0.5" lineColor="#999999" />
  </graphicElement>
</line>
</band>
</detail>
<columnFooter>
  <band height="45" splitType="Stretch">
    <line>
      <reportElement positionType="FixRelativeToBottom" x="0" y="3" width="555" height="1" uuid="d1b5d6b5-6b7f-43d8-bd32-15e8430fc812" />
      <graphicElement>
        <pen 155inewidth="0.5" lineColor="#999999" />
      </graphicElement>
    </line>
  </band>
</columnFooter>
<pageFooter>
  <band height="20" splitType="Stretch">
    <textField>
      <reportElement style="Column header" x="433" y="0" width="80" height="20" uuid="d9587fb8-f922-426c-95c8-f34e84dc4b5a" />
      <textElement textAlignment="Right">
        <font size="10" isBold="false" />
      </textElement>
      <textFieldExpression><![CDATA["Page " + $V{PAGE_NUMBER} + " of"]]></textFieldExpression>
    </textField>
    <textField evaluationTime="Report">
      <reportElement style="Column header" x="513" y="0" width="40" height="20" uuid="79eec36a-2c66-4adf-b15f-85edd13296ec" />
      <textElement>
        <font size="10" isBold="false" />
      </textElement>
      <textFieldExpression><![CDATA[" " + $V{PAGE_NUMBER}]]></textFieldExpression>
    </textField>
    <textField pattern="EEEEEE dd MMMMM yyyy">

```

```
<reportElement style="Column header" x="0" y="0" width="197" height="20" uuid="ccaf669d-46ed-4a3f-b85b-4fae0c6c9653" />
<textElement>
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
</band>
</pageFooter>
<summary>
<band splitType="Stretch" />
</summary>
</jasperReport>
```

## customerReport.jrxml

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport                                     xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
    http://jasperreports.sourceforge.net/xsd/jasperreport.xsd" name="customerReport" language="groovy"
    pageWidth="595" pageHeight="842" columnWidth="535" leftMargin="20" rightMargin="20"
    topMargin="20" bottomMargin="20" uuid="d1bcf4f9-bf7a-47b2-a14a-e89c88e0f285">
    <property name="ireport.zoom" value="1.0" />
    <property name="ireport.x" value="0" />
    <property name="ireport.y" value="196" />
    <style name="Title" fontName="Arial" fontSize="26" isBold="true" pdfFontName="Helvetica-Bold" />
    <style name="SubTitle" forecolor="#666666" fontName="Arial" fontSize="18" />
    <style name="Column header" forecolor="#666666" fontName="Arial" fontSize="12" isBold="true" />
    <style name="Detail" fontName="Arial" fontSize="12" />
    <subDataset name="dataset1" uuid="779b979a-50e8-422f-b8e1-48ba69957d72" />
    <parameter name="cust_para" class="java.lang.Integer">
        <defaultValueExpression />
    </parameter>
    <queryString><![CDATA[SELECT
        customer.`customer_name` AS customer_customer_name,
        customer.`Tp_Number` AS customer_Tp_Number,
        customer.`email` AS customer_email,
        customer.`city` AS customer_city,
        customer.`address` AS customer_address,
        customer.`cid` AS customer_cid
    FROM
        `customer` customer
    WHERE
        cid = $P{cust_para}]]></queryString>
    <field name="customer_customer_name" class="java.lang.String" />
    <field name="customer_Tp_Number" class="java.lang.String" />
    <field name="customer_email" class="java.lang.String" />
    <field name="customer_city" class="java.lang.String" />
    <field name="customer_address" class="java.lang.String" />
    <field name="customer_cid" class="java.lang.Integer" />
    <background>
        <band splitType="Stretch" />
    </background>
    <title>
        <band height="124" splitType="Stretch">
            <image>
                <reportElement x="116" y="0" width="500" height="84" uuid="23d7eeb0-4ac8-4f28-a80c-61bbcf8e0f4" />
                <imageExpression><![CDATA["C:\\Users\\Anuj\\Downloads\\POS-JAVA-Netbeans-MySQL-master\\pos pro\\src\\reports\\logo.jpg"]]></imageExpression>
            </image>
            <staticText>
```

```

<reportElement x="183" y="84" width="188" height="40" uuid="551e380f-7130-4bc3-b95b-03dea7f9996a"/>
<textElement textAlignment="Justified" verticalAlignment="Middle">
<font fontName="Cambria" size="22" isBold="true" />
</textElement>
<text><![CDATA[Customer Details]]></text>
</staticText>
</band>
</title>
<pageHeader>
<band splitType="Stretch" />
</pageHeader>
<detail>
<band height="503" splitType="Stretch">
<staticText>
<reportElement x="30" y="84" width="131" height="20" uuid="d9e7c52d-b660-4d6c-b6e0-ed742ff553d7"/>
<textElement verticalAlignment="Middle">
<font fontName="Arial" size="14" isBold="true" />
</textElement>
<text><![CDATA[Customer Name :]]></text>
</staticText>
<textField>
<reportElement x="197" y="84" width="332" height="20" uuid="12af5bd1-0730-4abc-9548-fdd0c94a737e"/>
<textElement verticalAlignment="Middle">
<font fontName="Arial" size="14" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[$F{customer_customer_name}]]></textFieldExpression>
</textField>
<staticText>
<reportElement x="30" y="139" width="131" height="20" uuid="ae5bb889-c4bf-4289-a7ce-72915e75400e"/>
<textElement verticalAlignment="Middle">
<font fontName="Arial" size="14" isBold="true" />
</textElement>
<text><![CDATA[Mobile Number:]]></text>
</staticText>
<textField>
<reportElement x="197" y="140" width="332" height="20" uuid="5551ef31-8ffd-418f-8066-332b95643d72"/>
<textElement verticalAlignment="Middle">
<font fontName="Arial" size="14" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[$F{customer_Tp_Number}]]></textFieldExpression>
</textField>
<staticText>
<reportElement x="30" y="197" width="131" height="20" uuid="452a7edc-d6a0-443c-9b24-9f563653f6b9"/>

```

```

<textElement verticalAlignment="Middle">
    <font fontName="Arial" size="14" isBold="true" />
</textElement>
<text><![CDATA[E-Mail]]></text>
</staticText>
<textField>
    <reportElement x="197" y="197" width="332" height="20" uuid="d79039ea-2af3-4558-9453-fc67ebb3920d" />
    <textElement verticalAlignment="Middle">
        <font fontName="Arial" size="14" isBold="true" />
    </textElement>
    <textFieldExpression><![CDATA[$F{customer_email}]]></textFieldExpression>
</textField>
<staticText>
    <reportElement x="30" y="243" width="121" height="20" uuid="a466cd76-6405-4d32-8ffa-9d329ac60e37" />
    <textElement verticalAlignment="Middle">
        <font fontName="Arial" size="14" isBold="true" />
    </textElement>
    <text><![CDATA[City]]></text>
</staticText>
<textField>
    <reportElement x="197" y="243" width="332" height="20" uuid="3d8fbcce-56c4-44a1-a3f9-e18e71da1f08" />
    <textElement verticalAlignment="Middle">
        <font fontName="Arial" size="14" isBold="true" />
    </textElement>
    <textFieldExpression><![CDATA[$F{customer_city}]]></textFieldExpression>
</textField>
<staticText>
    <reportElement x="30" y="291" width="144" height="20" uuid="540c1e92-6915-49fb-8a72-7f99742f2eff" />
    <textElement verticalAlignment="Middle">
        <font fontName="Arial" size="14" isBold="true" />
    </textElement>
    <text><![CDATA[Address]]></text>
</staticText>
<textField>
    <reportElement x="197" y="291" width="332" height="102" uuid="a516c430-0923-4a8b-9c17-5444d7df21af" />
    <textElement verticalAlignment="Top">
        <font fontName="Arial" size="14" isBold="true" />
    </textElement>
    <textFieldExpression><![CDATA[$F{customer_address}]]></textFieldExpression>
</textField>
<staticText>
    <reportElement x="30" y="35" width="109" height="20" uuid="0dd7512e-64fb-4044-aa34-a5a4d524e610" />
    <textElement verticalAlignment="Middle">

```

```

<font fontName="Arial" size="14" isBold="true" />
</textElement>
<text><![CDATA[Customer ID:]]></text>
</staticText>
<textField>
<reportElement x="197" y="35" width="100" height="20" uuid="de0c7543-b921-4b8d-abf9-063c8040f3ac" />
<textElement verticalAlignment="Middle">
<font fontName="Arial" size="14" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[$F{customer_cid}]]></textFieldExpression>
</textField>
<line>
<reportElement x="0" y="7" width="555" height="1" uuid="5ccf7a19-b91c-4261-91f4-e200df56985f" />
</line>
</band>
</detail>
<pageFooter>
<band height="73" splitType="Stretch">
<textField evaluationTime="Report">
<reportElement style="Column header" x="515" y="53" width="40" height="20" uuid="6a3d9164-6f30-4b08-ae69-3f21540d791c" />
<textElement>
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA[" " + $V{PAGE_NUMBER}]]></textFieldExpression>
</textField>
<textField pattern="EEEEEE dd MMMMM yyyy">
<reportElement style="Column header" x="0" y="53" width="197" height="20" uuid="951f0d61-40aa-4523-8fc5-32c02703e53b" />
<textElement>
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
<line>
<reportElement x="0" y="0" width="555" height="1" uuid="7c0c80fc-21c2-4eca-90b6-3bf32e6bf7b0" />
</line>
<textField>
<reportElement style="Column header" x="433" y="53" width="80" height="20" uuid="3d3de04b-c42e-4e59-8d58-1a2a52480a7c" />
<textElement textAlignment="Right">
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA["Page " + $V{PAGE_NUMBER} + " of"]]></textFieldExpression>
</textField>
</band> </pageFooter><summary> <band splitType="Stretch" /> </summary></jasperReport>

```

## print.jrxml

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport                                     xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
    http://jasperreports.sourceforge.net/xsd/jasperreport.xsd"      name="print"          language="groovy"
    pageWidth="595"    pageHeight="842"    columnWidth="535"    leftMargin="20"    rightMargin="20"
    topMargin="20"    bottomMargin="20"    uuid="b78a9b5c-970a-4cd4-98c5-17bac53640c9">
    <property name="ireport.zoom" value="1.5" />
    <property name="ireport.x" value="0" />
    <property name="ireport.y" value="79" />
    <style name="Title" fontName="Arial" fontSize="26" isBold="true" pdfFontName="Helvetica-Bold" />
    <style name="SubTitle" forecolor="#666666" fontName="Arial" fontSize="18" />
    <style name="Column header" forecolor="#666666" fontName="Arial" fontSize="12" isBold="true" />
    <style name="Detail" fontName="Arial" fontSize="12" />
    <parameter name="inv_id" class="java.lang.String">
        <defaultValueExpression />
    </parameter>
    <parameter name="paid" class="java.lang.String">
        <defaultValueExpression />
    </parameter>
    <parameter name="saved" class="java.lang.String">
        <defaultValueExpression />
    </parameter>
    <queryString><![CDATA[SELECT
        cart.`cartid` AS cart_cartid,
        cart.`INID` AS cart_INID,
        cart.`Product_Name` AS cart_Product_Name,
        cart.`Bar_code` AS cart_Bar_code,
        cart.`qty` AS cart_qty,
        cart.`Unit_Price` AS cart_Unit_Price,
        cart.`Total_Price` AS cart_Total_Price,
        sales.`saleid` AS sales_saleid,
        sales.`INID` AS sales_INID,
        sales.`Cid` AS sales_Cid,
        sales.`Customer_Name` AS sales_Customer_Name,
        sales.`Total_Qty` AS sales_Total_Qty,
        sales.`Total_Bill` AS sales_Total_Bill,
        sales.`Status` AS sales_Status,
        sales.`Balance` AS sales_Balance
    FROM
        `cart` cart INNER JOIN `sales` sales ON cart.`INID`= sales.`INID`
    WHERE
        cart.`INID` = $P{inv_id}]]></queryString>
    <field name="cart_cartid" class="java.lang.Integer" />
    <field name="cart_INID" class="java.lang.Integer" />
    <field name="cart_Product_Name" class="java.lang.String" />
    <field name="cart_Bar_code" class="java.lang.String" />
```

```

<field name="cart_qty" class="java.lang.String" />
<field name="cart_Unit_Price" class="java.lang.String" />
<field name="cart_Total_Price" class="java.lang.String" />
<field name="sales_saleid" class="java.lang.Integer" />
<field name="sales_INID" class="java.lang.Integer" />
<field name="sales_Cid" class="java.lang.Integer" />
<field name="sales_Customer_Name" class="java.lang.String" />
<field name="sales_Total_Qty" class="java.lang.String" />
<field name="sales_Total_Bill" class="java.lang.String" />
<field name="sales_Status" class="java.lang.String" />
<field name="sales_Balance" class="java.lang.String" />
<group name="my">
  <groupFooter>
    <band height="245">
      <staticText>
        <reportElement style="Column header" x="303" y="11" width="92" height="15"
forecolor="#000000" uuid="d5dfcb9b-e789-4100-83a1-1b9cced54d38" />
        <textElement textAlignment="Right">
          <font size="10" />
        </textElement>
        <text><![CDATA[TOTAL AMOUNT :]]></text>
      </staticText>
      <staticText>
        <reportElement style="Column header" x="171" y="149" width="92" height="15"
forecolor="#000000" uuid="12e9ebdf-7b08-4197-929a-4f35a7909a82" />
        <textElement textAlignment="Right">
          <font size="10" />
        </textElement>
        <text><![CDATA[BALANCE :]]></text>
      </staticText>
      <textField>
        <reportElement x="413" y="11" width="132" height="15" uuid="b3426b39-c4b6-4fe8-b589-
9f1cc2107abb" />
        <textFieldExpression><![CDATA[$F{sales_Total_Bill}]]></textFieldExpression>
      </textField>
      <line>
        <reportElement x="409" y="4" width="136" height="1" uuid="7fc112e1-e11b-4cd6-ae7a-
400e7d5625b9" />
      </line>
      <line>
        <reportElement x="409" y="28" width="136" height="1" uuid="e745638f-78d7-473f-876a-
bafbedb0dd7c" />
      <graphicElement>
        <pen 162inewidth="1.5" lineStyle="Double" />
      </graphicElement>
      </line>
      <textField>
        <reportElement x="263" y="149" width="132" height="15" uuid="2e5c13b5-94ea-4621-8be5-
ce681b3d21a2" />
    
```

```

<textFieldExpression><![CDATA[$F{sales_Balance}]]></textFieldExpression>
</textField>
<staticText>
<reportElement x="163" y="113" width="100" height="17" uuid="3649a4a8-5d8b-447a-b3af-e8358202895f" />
<textElement textAlignment="Right" verticalAlignment="Top">
<font fontName="Arial" isBold="true" />
</textElement>
<text><![CDATA[Paid Amount :]]></text>
</staticText>
<textField>
<reportElement x="263" y="113" width="132" height="17" uuid="94418cf1-e4c7-42fc-99cd-023a60ca5016" />
<textFieldExpression><![CDATA[$P{paid}]]></textFieldExpression>
</textField>
<staticText>
<reportElement x="0" y="73" width="555" height="27" uuid="3852ac80-a329-452e-b033-f9a752f13d09" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" isBold="true" />
</textElement>
<text><![CDATA[←----- Amount Received From Customer -----→]]></text>
</staticText>
<line>
<reportElement x="0" y="177" width="555" height="1" uuid="b52b4888-2439-4cb4-bbe3-f6bc21f2bb8d" />
<graphicElement>
<pen 163inewidth="3.0" lineStyle="Double" />
</graphicElement>
</line>
<line>
<reportElement x="0" y="72" width="555" height="1" uuid="321fc8bb-32b9-4c90-9dd6-94b4014f6452" />
<graphicElement>
<pen 163inewidth="3.0" lineStyle="Double" />
</graphicElement>
</line>
<line>
<reportElement x="0" y="100" width="555" height="1" uuid="d0548041-3fbf-4b5c-a1a5-36d8c3a1271c" />
<graphicElement>
<pen lineStyle="Dashed" />
</graphicElement>
</line>
<textField>
<reportElement x="0" y="196" width="555" height="25" uuid="a99ba393-76f3-4c38-befa-0d3e88f31411" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" isBold="true" />

```

```

</textElement>
<textFieldExpression><![CDATA[$P{saved}]]></textFieldExpression>
</textField>
</band>
</groupFooter>
</group>
<background>
<band splitType="Stretch" />
</background>
<title>
<band height="156" splitType="Stretch">
<image>
<reportElement x="134" y="0" width="251" height="64" uuid="e4fcf0d5-51d2-4163-9e4a-dad7f413e432" />
<imageExpression><![CDATA["mini_logo.png"]]></imageExpression>
</image>
<staticText>
<reportElement style="Title" x="134" y="64" width="251" height="22" uuid="6f2f70e1-4ef8-4a14-a59f-eaaa3da13f52" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font size="18" />
</textElement>
<text><![CDATA[ABC Company Ltd]]></text>
</staticText>
<staticText>
<reportElement style="SubTitle" x="134" y="86" width="251" height="22" uuid="86176972-ed39-429d-aa43-776ea5b57fdc" />
<textElement textAlignment="Center">
<font size="16" />
</textElement>
<text><![CDATA[1234 THANE ,INDIA]]></text>
</staticText>
<staticText>
<reportElement style="SubTitle" x="134" y="108" width="251" height="22" uuid="32113383-6384-4cdb-b1b5-de99bbc8bb0" />
<textElement textAlignment="Center">
<font size="16" />
</textElement>
<text><![CDATA[1565-2323-112, 6545-2325-232]]></text>
</staticText>
<staticText>
<reportElement style="Column header" x="0" y="141" width="81" height="15" uuid="b4dea472-c958-402e-97e3-c0c31248b0ab" />
<textElement textAlignment="Center" />
<text><![CDATA[INVOICE NO :]]></text>
</staticText>
<textField>
<reportElement style="Detail" x="102" y="141" width="95" height="15" uuid="996c1a7d-596c-4b94-84fc-2899fb34717b" />

```

```

<textFieldExpression><![CDATA[$F{cart_INID}]]></textFieldExpression>
</textField>
<line>
  <reportElement positionType="FixRelativeToBottom" x="0" y="155" width="555" height="1"
uuid="afe4688c-9c14-4ece-9d5d-d4648a734da5" />
  <graphicElement>
    <pen 165inewidth="1.0" lineStyle="Dashed" lineColor="#000000" />
  </graphicElement>
</line>
</band>
</title>
<pageHeader>
  <band splitType="Stretch" />
</pageHeader>
<columnHeader>
  <band height="36" splitType="Stretch">
    <line>
      <reportElement positionType="FixRelativeToBottom" x="0" y="35" width="555" height="1"
uuid="587dbadb-9d4e-4b93-a55c-caf8c82feae1" />
      <graphicElement>
        <pen 165inewidth="0.5" lineColor="#999999" />
      </graphicElement>
    </line>
    <staticText>
      <reportElement style="Column header" x="0" y="20" width="134" height="15" uuid="ed89438c-e209-
41c8-b274-1f24d2fc378c" />
      <text><![CDATA[Product Name]]></text>
    </staticText>
    <staticText>
      <reportElement style="Column header" x="134" y="19" width="103" height="15" uuid="36864c76-
cfde-45ee-8907-398798939713" />
      <text><![CDATA[Bar code]]></text>
    </staticText>
    <staticText>
      <reportElement style="Column header" x="237" y="21" width="79" height="15" uuid="1427d07a-
f1cc-4c85-9104-6ffc4f07646c" />
      <text><![CDATA[Qty]]></text>
    </staticText>
    <staticText>
      <reportElement style="Column header" x="316" y="21" width="79" height="15" uuid="c65e64df-
360d-4d31-9a2a-c83294fe7b91" />
      <text><![CDATA[Unit Price]]></text>
    </staticText>
    <staticText>
      <reportElement style="Column header" x="395" y="21" width="128" height="15" uuid="8dff683b-
3598-45bc-82a6-9b02360a027b" />
      <text><![CDATA[Total Price]]></text>
    </staticText>
  </band>

```

```

</columnHeader>
<detail>
  <band height="24" splitType="Stretch">
    <line>
      <reportElement positionType="FixRelativeToBottom" x="0" y="17" width="555" height="1" uuid="00022483-2416-4332-ada7-322677aa058e" />
      <graphicElement>
        <pen 166inewidth="0.25" lineColor="#999999" />
      </graphicElement>
    </line>
    <textField>
      <reportElement style="Detail" x="134" y="0" width="103" height="15" uuid="832c32dc-a622-48b0-8fe4-1deea17a0fff" />
      <textFieldExpression><![CDATA[$F{cart_Bar_code}]]></textFieldExpression>
    </textField>
    <textField>
      <reportElement style="Detail" x="237" y="0" width="79" height="15" uuid="97037ca0-5d16-46fb-9257-9fe9ee80d2c5" />
      <textFieldExpression><![CDATA[$F{cart_qty}]]></textFieldExpression>
    </textField>
    <textField>
      <reportElement style="Detail" x="316" y="0" width="79" height="15" uuid="4ffca77b-846d-43f0-96ab-56ed75707437" />
      <textFieldExpression><![CDATA[$F{cart_Unit_Price}]]></textFieldExpression>
    </textField>
    <textField>
      <reportElement style="Detail" x="395" y="0" width="128" height="15" uuid="fa9cc1dd-c359-42c5-81c2-b4c41013b24e" />
      <textFieldExpression><![CDATA[$F{cart_Total_Price}]]></textFieldExpression>
    </textField>
    <textField>
      <reportElement style="Detail" x="0" y="0" width="134" height="15" uuid="329ac689-109d-48eb-8af2-a240182c4594" />
      <textFieldExpression><![CDATA[$F{cart_Product_Name}]]></textFieldExpression>
    </textField>
  </band>
</detail>
<pageFooter>
  <band height="228" splitType="Stretch">
    <textField>
      <reportElement style="Column header" x="433" y="187" width="80" height="20" uuid="39c94946-c86e-4d81-8524-0d9832597585" />
      <textElement textAlignment="Right">
        <font size="10" isBold="false" />
      </textElement>
      <textFieldExpression><![CDATA["Page "+$V{PAGE_NUMBER}+" of']]></textFieldExpression>
    </textField>
    <textField evaluationTime="Report">

```

```

<reportElement style="Column header" x="513" y="187" width="40" height="20" uuid="9863d985-0d82-46a9-b9c9-91a955c10b6d" />
<textElement>
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA[“ “ + $V{PAGE_NUMBER}]]></textFieldExpression>
</textField>
<textField pattern="EEEEEE dd MMMMM yyyy">
<reportElement style="Column header" x="0" y="187" width="197" height="20" uuid="060e94c5-1900-47e5-8216-f99b019148cc" />
<textElement>
<font size="10" isBold="false" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
<staticText>
<reportElement x="151" y="148" width="262" height="12" forecolor="#666666" uuid="20af7358-5911-4283-b083-5ca705a1215c" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font size="9" isBold="true" />
</textElement>
<text><![CDATA[WE VALUE YOUR COMMENTS at info@company.com]]></text>
</staticText>
<staticText>
<reportElement x="144" y="0" width="289" height="26" uuid="d80bf204-da6d-4bb6-b0b3-8b67360b627e" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font size="14" isBold="true" />
</textElement>
<text><![CDATA[Thank You For Your Business.]]></text>
</staticText>
<staticText>
<reportElement x="163" y="218" width="255" height="10" uuid="8a2e8315-8291-426d-b69e-c4b71ece4f46" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font size="7" isBold="true" />
</textElement>
<text><![CDATA[©2022 JAMBHALE ANUJ Email at jambhaleanuj@gmail.com]]></text>
</staticText>
<staticText>
<reportElement x="0" y="49" width="335" height="17" uuid="afe2e684-e7f6-4cf9-a620-6846c71480d7" />
<textElement verticalAlignment="Middle">
<font fontName="Arial" isBold="false" isItalic="true" />
</textElement>
<text><![CDATA[Discount's Applicable on Orders Above Rs.800]]></text>
</staticText>
<staticText>

```

```

<reportElement x="0" y="66" width="335" height="17" uuid="e1ddfce6-d1d7-4b7f-ba1a-2350502e5bbd" />
<textElement verticalAlignment="Middle">
<font fontName="Arial" isItalic="true" />
</textElement>
<text><![CDATA[Get 3% Discount on Purchase Above Rs.800 and Below Rs 1500]]></text>
</staticText>
<staticText>
<reportElement x="0" y="83" width="335" height="17" uuid="6dfcb149-568b-4c3e-8c5e-5ce6f03903b1" />
<textElement verticalAlignment="Middle">
<font fontName="Arial" isItalic="true" />
</textElement>
<text><![CDATA[Get 5% Discount on Purchase Above Rs.1500 and Below Rs 2500]]></text>
</staticText>
<staticText>
<reportElement x="0" y="100" width="335" height="17" uuid="05f9e661-8017-4eba-9c21-19f3464b6f30" />
<textElement verticalAlignment="Middle">
<font fontName="Arial" isItalic="true" />
</textElement>
<text><![CDATA[Get 7% Discount on Purchase Above Rs.2500 and Below Rs 5000]]></text>
</staticText>
<staticText>
<reportElement x="0" y="117" width="335" height="17" uuid="ddc73682-b9a3-4efa-b4d3-ffda6050eed3" />
<textElement verticalAlignment="Middle">
<font fontName="Arial" isItalic="true" />
</textElement>
<text><![CDATA[Get 10% Discount on Purchase Above Rs 5000]]></text>
</staticText>
<staticText>
<reportElement x="163" y="160" width="250" height="10" uuid="d4a9343f-d154-4507-ac5e-b87054b04d30" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font size="7" isBold="true" />
</textElement>
<text><![CDATA[This is a computer generated invoice no signature required]]></text>
</staticText>
</band>
</pageFooter>
<summary>
<band splitType="Stretch" />
</summary>
</jasperReport>

```

## **Best\_seller.jrxml**

```
<?xml version="1.0" encoding="UTF-8"?>
<jasperReport                                     xmlns="http://jasperreports.sourceforge.net/jasperreports"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports
    http://jasperreports.sourceforge.net/xsd/jasperreport.xsd"      name="best_seller"      language="groovy"
    pageWidth="595"    pageHeight="1080"    columnWidth="555"    leftMargin="20"    rightMargin="20"
    topMargin="20"    bottomMargin="20"    uuid="dd965d60-e8cc-4a6c-80d4-50977a25ede6">
    <property name="ireport.zoom" value="1.0" />
    <property name="ireport.x" value="0" />
    <property name="ireport.y" value="466" />
    <style name="table">
        <box><pen lineWidth="1.0" lineColor="#000000" /></box>
    </style>
    <style name="table_TH" mode="Opaque" backcolor="#F0F8FF"><box>
        <pen lineWidth="0.5" lineColor="#000000" /></box> </style>
    <style name="table_CH" mode="Opaque" backcolor="#BFE1FF">    <box>      <pen lineWidth="0.5"
lineColor="#000000" />    </box>
    </style>
    <style name="table_TD" mode="Opaque" backcolor="#FFFFFF">
        <box>    <pen lineWidth="0.5" lineColor="#000000" />    </box>
    </style>
    <style name="table 1">    <box>    <pen lineWidth="1.0" lineColor="#000000" />    </box>
    </style>
    <style name="table 1_TH" mode="Opaque" backcolor="#F0F8FF">
        <box>
            <pen lineWidth="0.5" lineColor="#000000" />
        </box>
    </style>
    <style name="table 1_CH" mode="Opaque" backcolor="#BFE1FF">
        <box>
            <pen lineWidth="0.5" lineColor="#000000" />
        </box>
    </style>
    <style name="table 1_TD" mode="Opaque" backcolor="#FFFFFF">
        <box>
            <pen lineWidth="0.5" lineColor="#000000" />
        </box>
    </style>
    <subDataset name="best_sell" uuid="48d25675-e6af-4c20-9db3-3e0822dc55a0">
        <queryString><![CDATA[select Product_Name,Bar_code,sum(qty) from cart group by Product_Name
order by sum(qty) desc;]]></queryString>
        <field name="Product_Name" class="java.lang.String">
            <fieldDescription />
        </field>
        <field name="Bar_code" class="java.lang.String">
            <fieldDescription />
        </field>
    </subDataset>

```

```

</field>
<field name="sum(qty)" class="java.lang.Double" />
<group name="Product_Name">
  <groupExpression><![CDATA[$F{Product_Name}]]></groupExpression>
</group>
<group name="sum(qty)">
  <groupExpression><![CDATA[$F{sum(qty)}]]></groupExpression>
</group>
</subDataset>
<queryString><![CDATA[select Product_Name,sum(qty) from cart group by Product_Name order by sum(qty) desc;]]></queryString>
<field name="Product_Name" class="java.lang.String">
  <fieldDescription />
</field>
<field name="sum(qty)" class="java.lang.Double" />
<background>
  <band splitType="Stretch" />
</background>
<title>
  <band height="102" splitType="Stretch">
    <image>
      <reportElement mode="Transparent" x="0" y="0" width="220" height="56" uuid="2b825b81-69ab-4710-87fc-9dbc0930de3c" />
      <imageExpression><![CDATA["C:\\Users\\Anuj\\Downloads\\POS-JAVA-Netbeans-MySQL-master\\pos pro\\src\\reports\\logo.jpg"]]></imageExpression>
    </image>
    <staticText>
      <reportElement x="306" y="5" width="249" height="25" uuid="e062bbde-ad5c-4224-999e-087fa37784a0" />
      <textElement textAlignment="Justified" verticalAlignment="Middle">
        <font fontName="Arial" size="14" isBold="true" />
      </textElement>
      <text><![CDATA[BEST SELLING PRODUCTS REPORT]]></text>
    </staticText>
    <staticText>
      <reportElement x="198" y="45" width="158" height="24" uuid="762d4e6d-06fc-4e20-b866-27bcc7f0e41a" />
      <textElement textAlignment="Center" verticalAlignment="Middle">
        <font size="14" isBold="true" />
      </textElement>
      <text><![CDATA[ABC Company Ltd]]></text>
    </staticText>
    <staticText>
      <reportElement x="186" y="69" width="182" height="33" forecolor="#999999" uuid="c0562ef7-12c2-417b-86de-199fdfb9bf65" />
      <textElement textAlignment="Center" verticalAlignment="Middle">
        <font size="10" isBold="true" />
      </textElement>
      <text><![CDATA[1234 THANE ,INDIA

```

```

1565-2323-112, 6545-2325-232]]></text>
</staticText>
</band>
</title>
<detail>
<band height="873">
<printWhenExpression><![CDATA[$V{REPORT_COUNT} == 1]]></printWhenExpression>
<pieChart>
<chart evaluationTime="Report">
<reportElement x="0" y="59" width="555" height="297" uuid="a14c8d18-b113-4d6a-a00b-d76bab25856f">
<printWhenExpression><![CDATA[$V{REPORT_COUNT} == 1]]></printWhenExpression>
</reportElement>
<chartTitle />
<chartSubtitle />
<chartLegend />
</chart>
<pieDataset>
<keyExpression><![CDATA[$F{Product_Name}]]></keyExpression>
<valueExpression><![CDATA[$F{sum(qty)}]]></valueExpression>
</pieDataset>
<piePlot>
<plot />
<itemLabel />
</piePlot>
</pieChart>
<staticText>
<reportElement x="0" y="26" width="81" height="33" uuid="7f3b9aed-3e4d-415c-8db6-551dcfe37b6d" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" size="12" isBold="true" />
</textElement>
<text><![CDATA[Pie Chart]]></text>
</staticText>
<componentElement>
<reportElement key="table_1" style="table_1" x="0" y="765" width="555" height="106" uuid="46d28137-6669-45ca-8e12-a6665e538048">
<printWhenExpression><![CDATA[$V{REPORT_COUNT} == 1]]></printWhenExpression>
</reportElement>
<jr:table xmlns:jr="http://jasperreports.sourceforge.net/jasperreports/components" xsi:schemaLocation="http://jasperreports.sourceforge.net/jasperreports/components http://jasperreports.sourceforge.net/xsd/components.xsd">
<datasetRun subDataset="best_sell" uuid="8f76b032-77bc-4ffd-9b84-25318e82d69d">
<connectionExpression><![CDATA[$P{REPORT_CONNECTION}]]></connectionExpression>
</datasetRun>
<jr:column width="249" uuid="59e9dc5d-4379-4f36-98f6-052407dac836">
<jr:columnHeader style="table_1_CH" height="30" rowSpan="1">
<staticText>

```

```

<reportElement x="0" y="0" width="249" height="30" uuid="8362e92e-2724-4e07-9e26-9501d74ef44e" />
    <textElement textAlignment="Center" verticalAlignment="Middle">
        <font fontName="Arial" size="12" isBold="true" />
    </textElement>
    <text><![CDATA[Product Name]]></text>
    </staticText>
</jr:columnHeader>
<jr:detailCell style="table 1_TD" height="20" rowSpan="1">
    <textField>
        <reportElement x="0" y="0" width="90" height="20" uuid="4bac03b3-5494-42c0-830b-96c6fb4d6f03" />
        <textFieldExpression><![CDATA[$F{Product_Name}]]></textFieldExpression>
    </textField>
</jr:detailCell>
</jr:column>
<jr:column width="166" uuid="f96b32f7-cc97-473c-ac6d-8143124bf98e">
    <jr:columnHeader style="table 1_CH" height="30" rowSpan="1">
        <staticText>
            <reportElement x="0" y="0" width="166" height="30" uuid="ea0f4ca1-0a4a-47d8-8997-9f798cc3201f" />
            <textElement textAlignment="Center" verticalAlignment="Middle">
                <font fontName="Arial" size="12" isBold="true" />
            </textElement>
            <text><![CDATA[Barcode]]></text>
            </staticText>
</jr:columnHeader>
<jr:detailCell style="table 1_TD" height="20" rowSpan="1">
    <textField>
        <reportElement x="0" y="0" width="90" height="20" uuid="86ff3258-0a12-42a4-888f-1241c33e887b" />
        <textFieldExpression><![CDATA[$F{Bar_code}]]></textFieldExpression>
    </textField>
</jr:detailCell>
</jr:column>
<jr:column width="136" uuid="e8b69f3c-88ba-4bbd-baf4-7be9bd58bd93">
    <jr:columnHeader style="table 1_CH" height="30" rowSpan="1">
        <staticText>
            <reportElement x="0" y="0" width="128" height="30" uuid="8a0d9556-2a80-4534-af13-7bc306f3134f" />
            <textElement textAlignment="Center" verticalAlignment="Middle">
                <font fontName="Arial" size="12" isBold="true" />
            </textElement>
            <text><![CDATA[Total Sales of the Product]]></text>
            </staticText>
</jr:columnHeader>
<jr:detailCell style="table 1_TD" height="20" rowSpan="1">
    <textField>

```

```

<reportElement x="0" y="0" width="90" height="20" uuid="f1d86c50-4664-4546-91d2-49ff139e6605" />
    <textFieldExpression><![CDATA[$F{sum(qty)}]]></textFieldExpression>
    </textField>
    </jr:detailCell>
    </jr:column>
    </jr:table>
</componentElement>
<staticText>
    <reportElement x="0" y="738" width="292" height="25" uuid="8ba1b02c-791d-4897-9286-2ad2dadca6c6" />
        <textElement textAlignment="Center" verticalAlignment="Middle">
            <font size="12" isBold="true" />
        </textElement>
        <text><![CDATA[List of All the products ordered by quantity sold]]></text>
    </staticText>
    <barChart>
        <chart>
            <reportElement x="0" y="405" width="555" height="298" uuid="058cf762-b568-4f3b-8983-80b07e083ed3" />
                <printWhenExpression><![CDATA[$V{REPORT_COUNT} == 1]]></printWhenExpression>
            </reportElement>
            <chartTitle />
            <chartSubtitle />
            <chartLegend />
        </chart>
        <categoryDataset>
            <categorySeries>
                <seriesExpression><![CDATA[$F{Product_Name}]]></seriesExpression>
                <categoryExpression><![CDATA[$F{Product_Name}]]></categoryExpression>
                <valueExpression><![CDATA[$F{sum(qty)}]]></valueExpression>
            </categorySeries>
        </categoryDataset>
        <barPlot>
            <plot />
            <itemLabel />
            <categoryAxisFormat>
                <axisFormat />
            </categoryAxisFormat>
            <valueAxisFormat>
                <axisFormat />
            </valueAxisFormat>
        </barPlot>
    </barChart>
    <line>
        <reportElement x="0" y="13" width="555" height="1" uuid="9da3ee9b-193e-4d8d-93fb-55c400a69d5e" />
    </line>
    <line>

```

```

<reportElement x="0" y="367" width="555" height="1" uuid="26aed03c-aebf-40a4-ad4f-1c18de36bcf2" />
</line><line>
<reportElement x="0" y="727" width="555" height="1" uuid="fd6f79fb-3bab-4e95-a80d-ad6943171b0d" /></line>
<staticText>
<reportElement x="0" y="372" width="81" height="33" uuid="aa12bf33-06c3-4ef4-a346-1b0e930706ee" />
<textElement textAlignment="Center" verticalAlignment="Middle">
<font fontName="Arial" size="12" isBold="true" /> </textElement>
<text><![CDATA[Bar Chart]]></text> </staticText> </band> </detail>
<pageFooter>
<band height="50">
<textField pattern="EEEEEE dd MMMMM yyyy">
<reportElement x="0" y="23" width="141" height="27" uuid="6e8edec7-2478-4dab-a3ee-eb4672967bda" />
<textElement verticalAlignment="Middle">
<font fontName="Times New Roman" size="14" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
<textField pattern="h.mm.ss a">
<reportElement x="141" y="23" width="151" height="27" uuid="fae68745-10be-4375-87bd-eebca5d422db" />
<textElement verticalAlignment="Middle">
<font fontName="Times New Roman" size="14" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[new java.util.Date()]]></textFieldExpression>
</textField>
<textField>
<reportElement x="413" y="23" width="91" height="27" uuid="9f8abc7f-8eab-4d7c-b8b5-ae17fc99fa6f" />
<textElement textAlignment="Right">
<font size="12" isBold="true" />
</textElement>
<textFieldExpression><![CDATA["Page "+$V{PAGE_NUMBER}+" of"]]></textFieldExpression>
</textField>
<textField evaluationTime="Report">
<reportElement x="504" y="23" width="51" height="27" uuid="0412354e-929b-47f7-8e71-d95a6549f4d9" />
<textElement>
<font size="12" isBold="true" />
</textElement>
<textFieldExpression><![CDATA[" " + $V{PAGE_NUMBER}]]></textFieldExpression>
</textField>
</band>
</pageFooter>
</jasperReport>

```

## **CODE for Android Barcode Scanner Application:**

### **build.gradle**

```
plugins {
    id 'com.android.application'
}
android {
    compileSdk 32
    defaultConfig {
        applicationId "com.example.zxing_barcode_scanner"
        minSdk 21
        targetSdk 32
        versionCode 1
        versionName "1.0"
        testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
    }
    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'
        }
    }
    compileOptions {
        sourceCompatibility JavaVersion.VERSION_1_8
        targetCompatibility JavaVersion.VERSION_1_8
    }
}
dependencies {
    implementation 'androidx.appcompat:appcompat:1.4.2'
    implementation 'com.google.android.material:material:1.6.1'
    implementation 'androidx.constraintlayout:constraintlayout:2.1.4'
    testImplementation 'junit:junit:4.13.2'
    androidTestImplementation 'androidx.test.ext:junit:1.1.3'
    androidTestImplementation 'androidx.test.espresso:espresso-core:3.4.0'
    implementation 'com.journeyapps:zxing-android-embedded:4.3.0'
}
```

## **AndroidManifest.xml**

```
<?xml version="1.0" encoding="UTF-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools" package="com.example.zxing_barcode_scanner">
    <uses-permission android:name="android.permission.CAMERA" />
    <uses-feature android:name="android.hardware.camera.autofocus" />
    <uses-feature android:name="android.hardware.camera" />
    <uses-permission android:name="android.permission.INTERNET" />
    <application android:allowBackup="true" android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules" android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name" android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true" android:theme="@style/Theme.Zxing_barcode_scanner" tools:targetApi="31">
        <activity android:name=".MainActivity" android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

## Activity\_main.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent" android:layout_height="match_parent">

    <com.journeyapps.barcodescanner.DecoratedBarcodeView android:id="@+id/barcode_scanner"
        android:layout_width="match_parent" android:layout_height="0dp"
        android:layout_above="@+id/buttonsLayout" android:layout_alignParentTop="true" />

    <LinearLayout android:orientation="vertical" android:layout_width="match_parent"
        android:layout_height="wrap_content" android:layout_alignParentBottom="true"
        android:id="@+id/buttonsLayout" android:layout_toLeftOf="@+id/centerHorizont">

        <Button android:layout_width="match_parent" android:layout_height="wrap_content"
            android:text="Pause" android:onClick="pause" />

        <Button android:layout_width="match_parent" android:layout_height="wrap_content"
            android:text="Resume" android:onClick="resume" />

    </LinearLayout>

    <View android:layout_width="0dp" android:layout_height="match_parent"
        android:layout_centerHorizontal="true" android:id="@+id/centerHorizont" />

    <ImageView android:layout_width="wrap_content" android:layout_height="wrap_content"
        android:layout_toRightOf="@+id/centerHorizont" android:layout_alignParentRight="true"
        android:id="@+id/barcodePreview" android:layout_alignTop="@+id/buttonsLayout" />

</RelativeLayout>
```

## MainActivity.java

```
package com.example.zxing_barcode_scanner;
import android.Manifest;
import android.app.Activity;
import android.content.pm.PackageManager;
import android.graphics.Color;
import android.os.Bundle;
import android.view.KeyEvent;
import android.view.View;
import android.widget.ImageView;
import androidx.core.app.ActivityCompat;
import androidx.core.content.ContextCompat;
import com.google.zxing.BarcodeFormat;
import com.google.zxing.ResultPoint;
import com.google.zxing.client.android.BeepManager;
import com.journeyapps.barcodescanner.BarcodeCallback;
import com.journeyapps.barcodescanner.BarcodeResult;
import com.journeyapps.barcodescanner.DecoratedBarcodeView;
import com.journeyapps.barcodescanner.DefaultDecoderFactory;
import java.io.IOException;
import java.io.PrintStream;
import java.net.Socket;
import java.util.Arrays;
import java.util.Collection;
import java.util.List;
public class MainActivity extends Activity {
    private DecoratedBarcodeView barcodeView;
    private BeepManager beepManager;
    private String lastText;
    private Socket client;
    private PrintStream printwriter;
    private static final int requestCode = 100;
    private BarcodeCallback callback = new BarcodeCallback() {
        @Override
        public void barcodeResult(BarcodeResult result) {
            if(result.getText() == null || result.getText().equals(lastText)) {
                // Prevent duplicate scans
                return;
            }
            lastText = result.getText();
            barcodeView.setStatusText(result.getText());
            new Thread(new ClientThread(result.getText())).start();
            beepManager.playBeepSoundAndVibrate();
            //Added preview of scanned barcode
            ImageView imageView = findViewById(R.id.barcodePreview);
            imageView.setImageBitmap(result.getBitmapWithResultPoints(Color.YELLOW));
        }
    }
}
```

```

@Override
public void possibleResultPoints(List<ResultPoint> resultPoints) {
}
};

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    if (ContextCompat.checkSelfPermission(this, Manifest.permission.CAMERA)
        == PackageManager.PERMISSION_DENIED){
        ActivityCompat.requestPermissions(MainActivity.this,
                                         new String[]
{Manifest.permission.CAMERA }, requestCode);
    }
    barcodeView = findViewById(R.id.barcode_scanner);
    Collection<BarcodeFormat> formats = Arrays.asList(BarcodeFormat.QR_CODE,
BarcodeFormat.CODE_39);
    barcodeView.getBarcodeView().setDecoderFactory(new DefaultDecoderFactory(formats));
    barcodeView.initializeFromIntent(getIntent());
    barcodeView.decodeContinuous(callback);
    beepManager = new BeepManager(this);
}

@Override
protected void onResume() {
    super.onResume();
    barcodeView.resume();
}

@Override
protected void onPause() {
    super.onPause();
    barcodeView.pause();
}

public void pause(View view) {
    barcodeView.pause();
}

public void resume(View view) {
    barcodeView.resume();
}

public void triggerScan(View view) {
    barcodeView.decodeSingle(callback);
}

@Override
public boolean onKeyDown(int keyCode, KeyEvent event) {
    return barcodeView.onKeyDown(keyCode, event) || super.onKeyDown(keyCode, event);
}

class ClientThread implements Runnable {
    private final String message;
    ClientThread(String message) {
        this.message = message;
    }
}

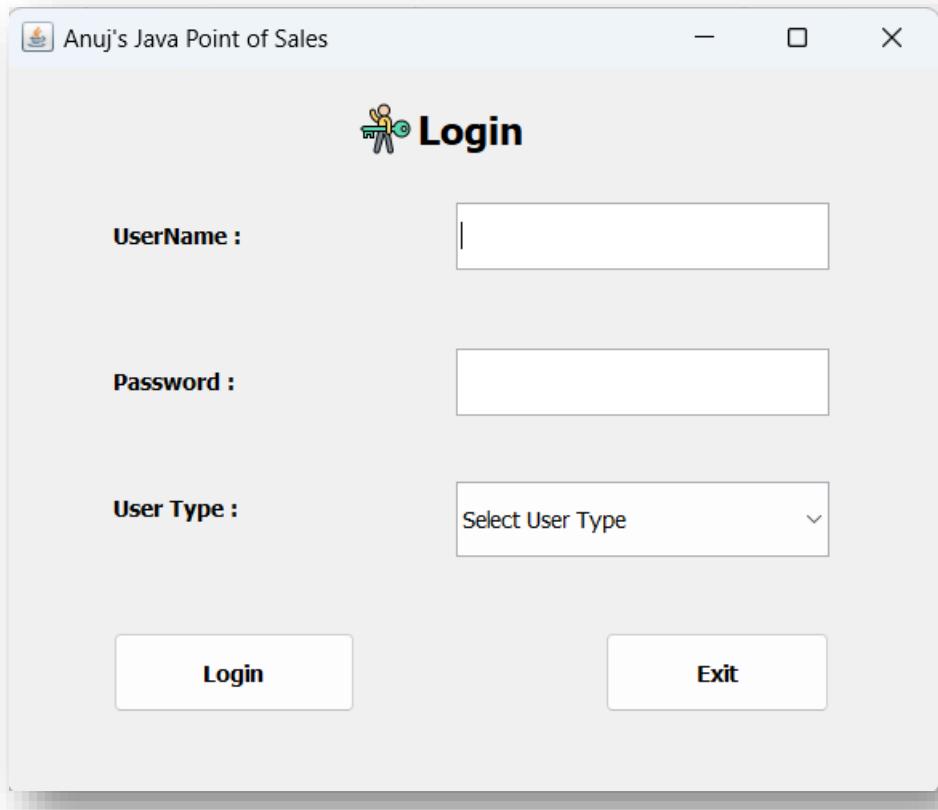
```

```
@Override  
public void run() {  
    try {  
        // the IP and port should be correct to have a connection established  
        // Creates a stream socket and connects it to the specified port number on the named host.  
        client = new Socket("192.168.43.14", 4444); // connect to server  
        printwriter = new PrintWriter(client.getOutputStream(), true);  
        printwriter.write(message); // write the message to output stream  
        printwriter.flush();  
        printwriter.close();  
        // closing the connection  
        client.close();  
    } catch (IOException e) {  
        e.printStackTrace();  
    }  
}  
}  
}
```

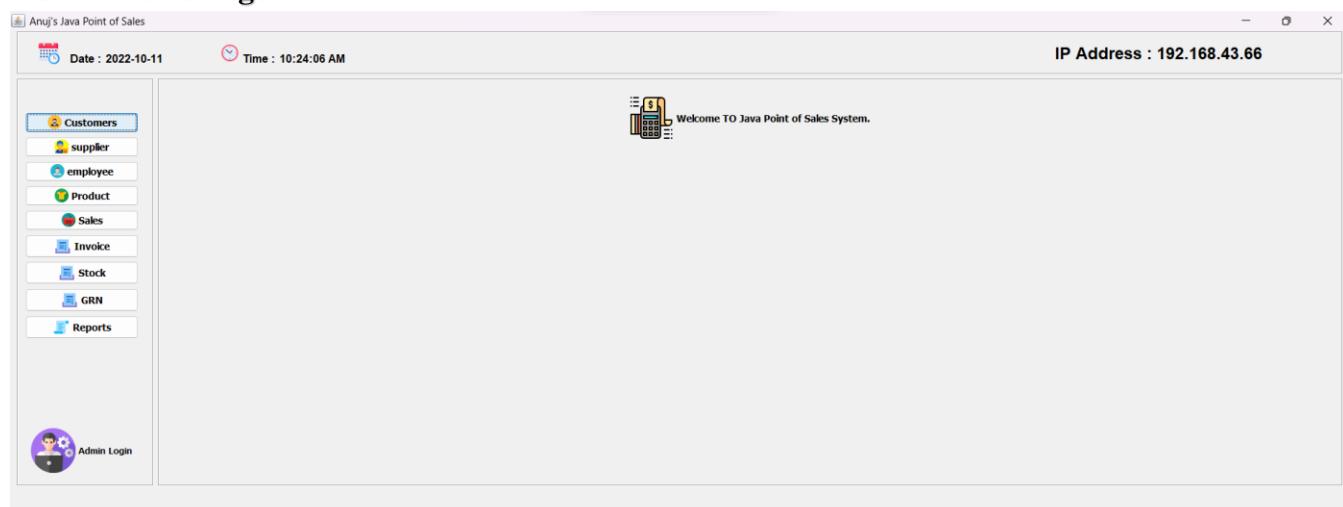
## 6. OUTPUT:

### Graphical User Interface:

#### Login Page:



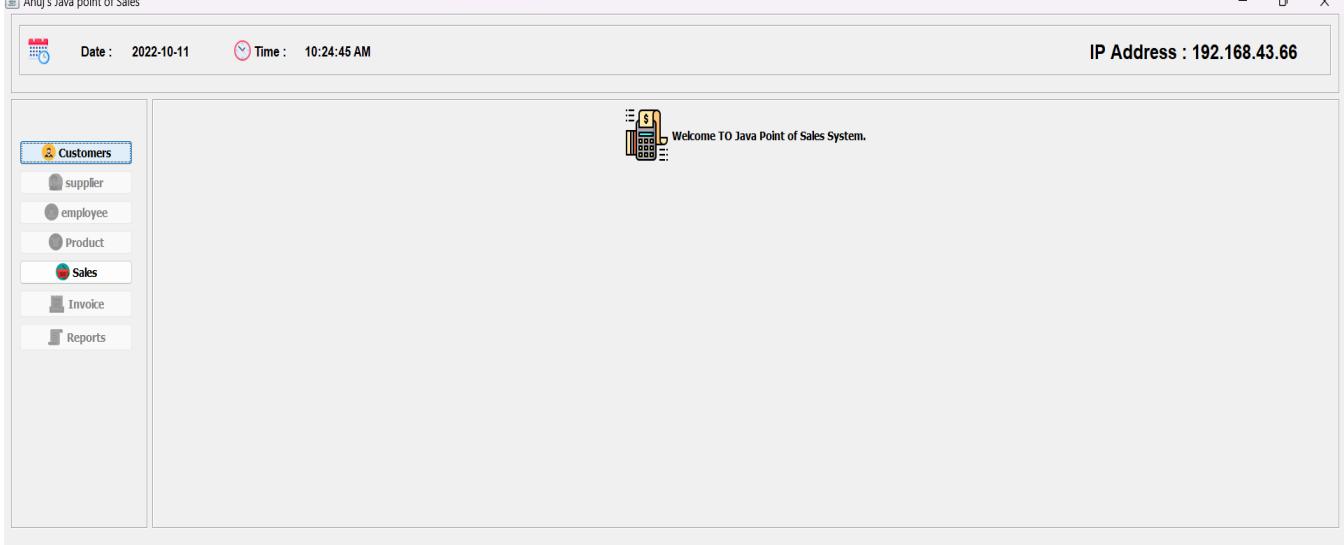
#### Admin Home Page:



## Employee Home Page:

Anuj's Java point of Sales

Date : 2022-10-11 Time : 10:24:45 AM IP Address : 192.168.43.66

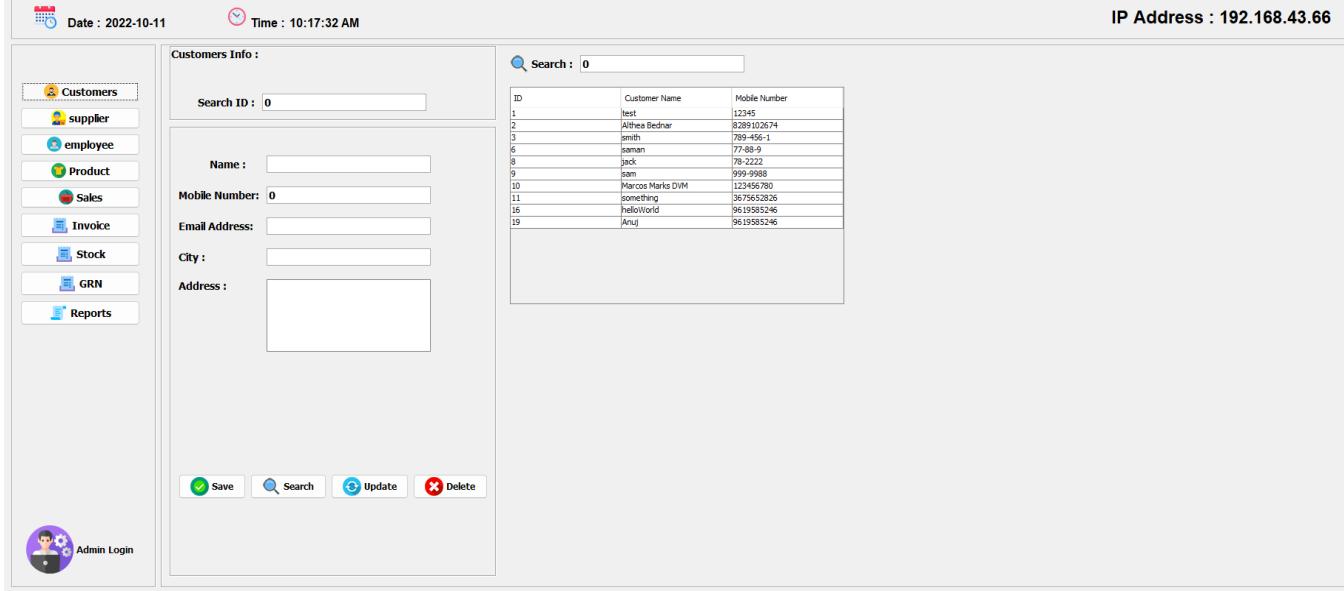


The screenshot shows the Employee Home Page of Anuj's Java point of Sales system. At the top, it displays the date and time (2022-10-11, 10:24:45 AM) and the IP address (192.168.43.66). On the left, there is a sidebar with icons for Customers, supplier, employee, Product, Sales, Invoice, and Reports. The main area features a welcome message 'Welcome TO Java Point of Sales System.' with a calculator icon. A table lists various customer entries with columns for ID, Customer Name, and Mobile Number.

ID	Customer Name	Mobile Number
1	test	1234
2	Amita Bednar	9898102674
3	smith	789-456-1
6	saman	77-89-9
8	jack	78-2222
9	sam	999-9998
10	Marcos Marks DVM	123456780
11	something	9875652325
16	helloWorld	9819585246
19	Anuj	9819585246

## Customer Module:

Date : 2022-10-11 Time : 10:17:32 AM IP Address : 192.168.43.66



The screenshot shows the Customer Module page. It includes a sidebar with icons for Customers, supplier, employee, Product, Sales, Invoice, Stock, GRN, and Reports. The main area has fields for Search ID, Name, Mobile Number, Email Address, City, and Address. Below these fields is a search results table showing customer information. At the bottom, there are buttons for Save, Search, Update, and Delete.

ID	Customer Name	Mobile Number
1	test	1234
2	Amita Bednar	9898102674
3	smith	789-456-1
6	saman	77-89-9
8	jack	78-2222
9	sam	999-9998
10	Marcos Marks DVM	123456780
11	something	9875652325
16	helloWorld	9819585246
19	Anuj	9819585246

## Supplier Module:

Date : 2022-10-11 Time : 10:17:34 AM IP Address : 192.168.43.66

supplier Info :		
Customers	supplier	employee
Product	Sales	Invoice
Stock	GRN	Reports
Admin Login		

Search ID : 0

Name : 0

Mobile Number : 0

Save Search Update Delete

Search : 0

ID	Supplier Name	Mobile Number
1	sup test	1100
2	mike	456-7854
3	albert	789-88
4	baby	122-33
5	Anuj Jambhale	9619585246

## Employee Module:

Date : 2022-10-11 Time : 10:17:37 AM IP Address : 192.168.43.66

employee Info :		
Customers	supplier	employee
Product	Sales	Invoice
Stock	GRN	Reports
Admin Login		

Search ID : 0

Name :

Mobile Number : 0

Password :

Age : 0

Address :

Save Search Update Delete

Search : 0

ID	Employee Name	Mobile Number	Age	Address
30	test	5574760710	42	4803 Grady Freeway
31	EMPAnuj	9819580000	19	206,Thane,400-605
32	somethng	1124143546	100	ngndpxdnhfxgrfxkg
37	EMPAruJAm	9619585246	19	206,Thane,400-605

## Product Module:

Date : 2022-10-11 Time : 10:17:39 AM IP Address : 192.168.43.66

Product Info :																																																																																																															
<input type="button" value="Customers"/>	<input type="button" value="supplier"/>	<input type="button" value="employee"/>	<input type="button" value="Product"/>	<input type="button" value="Sales"/>	<input type="button" value="Invoice"/>	<input type="button" value="Stock"/>	<input type="button" value="GRN"/>																																																																																																								
<input type="button" value="Reports"/>																																																																																																															
Search ID : <input type="text" value="0"/>		<input type="text" value="Search :"/> <input type="button" value="Search"/>																																																																																																													
Product Name : <input type="text"/>		<table border="1"> <thead> <tr> <th>ID</th> <th>Product Name</th> <th>Bar Code</th> <th>CostPrice</th> <th>SellPrice</th> <th>Qty</th> <th>SID</th> <th>SupplierName</th> </tr> </thead> <tbody> <tr><td>1</td><td>mini book</td><td>123</td><td>100</td><td>99</td><td>899.0</td><td>2</td><td>mike</td></tr> <tr><td>2</td><td>pen</td><td>100200</td><td>10</td><td>20</td><td>9</td><td>1</td><td>mike</td></tr> <tr><td>3</td><td>book</td><td>100500</td><td>50</td><td>60</td><td>12</td><td>3</td><td>mike</td></tr> <tr><td>4</td><td>Mouse</td><td>123545</td><td>15</td><td>20</td><td>30</td><td>2</td><td>mike</td></tr> <tr><td>5</td><td>keybord</td><td>123546</td><td>18</td><td>20</td><td>28</td><td>3</td><td>mike</td></tr> <tr><td>6</td><td>chili pickle</td><td>890355648434</td><td>55</td><td>60</td><td>50</td><td>1</td><td>mike</td></tr> <tr><td>8</td><td>KANGARO PUNCH</td><td>8901238510038</td><td>56</td><td>60</td><td>79</td><td>1</td><td>mike</td></tr> <tr><td>9</td><td>SYSKA PERSONAL CARE</td><td>8904240715576</td><td>829</td><td>900</td><td>492</td><td>2</td><td>mike</td></tr> <tr><td>10</td><td>BOAT POWER BANK 500</td><td>8908012587454</td><td>4999</td><td>5000</td><td>98</td><td>2</td><td>mike</td></tr> <tr><td>11</td><td>MI POWER BANK 3i</td><td>8908012587446</td><td>3499</td><td>4000</td><td>31</td><td>2</td><td>mike</td></tr> <tr><td>12</td><td>BRUT MUSK</td><td>3014230022401</td><td>299</td><td>350</td><td>498.0</td><td>2</td><td>mike</td></tr> <tr><td>13</td><td>Dustless Chak</td><td>8902635515657</td><td>70</td><td>65</td><td>204.0</td><td>5</td><td>Arun</td></tr> </tbody> </table>						ID	Product Name	Bar Code	CostPrice	SellPrice	Qty	SID	SupplierName	1	mini book	123	100	99	899.0	2	mike	2	pen	100200	10	20	9	1	mike	3	book	100500	50	60	12	3	mike	4	Mouse	123545	15	20	30	2	mike	5	keybord	123546	18	20	28	3	mike	6	chili pickle	890355648434	55	60	50	1	mike	8	KANGARO PUNCH	8901238510038	56	60	79	1	mike	9	SYSKA PERSONAL CARE	8904240715576	829	900	492	2	mike	10	BOAT POWER BANK 500	8908012587454	4999	5000	98	2	mike	11	MI POWER BANK 3i	8908012587446	3499	4000	31	2	mike	12	BRUT MUSK	3014230022401	299	350	498.0	2	mike	13	Dustless Chak	8902635515657	70	65	204.0	5	Arun
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Quantity : <input type="text" value="0"/>																																																																																																															
Supplier ID : <input type="text" value="0"/>																																																																																																															
Supplier name : <input type="text" value="sup test"/>																																																																																																															
<input type="button" value="Save"/> <input type="button" value="Search"/> <input type="button" value="Update"/> <input type="button" value="Delete"/>																																																																																																															
 Admin Login																																																																																																															

## Sales Module:

Anuj's Java Point of Sales Date : 2022-10-11 Time : 10:16:31 AM

INVOICE NO : 64																															
<input type="button" value="Customers"/>	<input type="button" value="supplier"/>	<input type="button" value="employee"/>	<input type="button" value="Product"/>	<input type="button" value="Sales"/>	<input type="button" value="Invoice"/>	<input type="button" value="Stock"/>	<input type="button" value="GRN"/>																								
<input type="button" value="Reports"/>																															
Customer : <input type="text" value="test"/>		Product : <input type="text" value="SYSKA PERSONAL CARE"/>		Quantity : <input type="text" value="2"/>	Unit Price : <input type="text" value="829"/>	Total Price : <input type="text" value="1658.0"/>	Barcode: <input type="text" value="8904240715576"/>																								
<table border="1"> <thead> <tr> <th>ID</th> <th>Name</th> <th>Bar code</th> <th>Qty</th> <th>Unit Price</th> <th>Total Price</th> </tr> </thead> <tbody> <tr><td>64</td><td>MI POWER BANK 3i</td><td>8908012587446</td><td>2</td><td>3400</td><td>6800.0</td></tr> <tr><td>64</td><td>KANGARO PUNCH</td><td>8901238510038</td><td>2</td><td>56</td><td>112.0</td></tr> <tr><td>64</td><td>SYSKA PERSONAL CARE</td><td>8904240715576</td><td>2</td><td>829</td><td>1658.0</td></tr> </tbody> </table>								ID	Name	Bar code	Qty	Unit Price	Total Price	64	MI POWER BANK 3i	8908012587446	2	3400	6800.0	64	KANGARO PUNCH	8901238510038	2	56	112.0	64	SYSKA PERSONAL CARE	8904240715576	2	829	1658.0
ID	Name	Bar code	Qty	Unit Price	Total Price																										
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Paid Amount : <input type="text" value="8000"/> Total Qty : <input type="text" value="6.0"/>				Balance Before Discount : <input type="text" value="8768.0"/> Balance After discount: <input type="text" value="7891.2"/> Discount Amount: <input type="text" value="876.8"/> Balance/Due : <input type="text" value="108"/>																											
<small>* Discount's Applicable on Orders Above Rs.800          * 3% Discount on Purchase Above Rs.800 and Below Rs 1500          * 5% Discount on Purchase Above Rs.1500 and Below Rs 2500          * 7% Discount on Purchase Above Rs.2500 and Below Rs 5000          * 10% Discount on Purchase Above Rs 5000</small>																															
 Admin Login																															

## Invoice Module:

Date : 2022-10-11 Time : 10:30:05 AM IP Address : 192.168.43.66

**Invoice ID :**  **Customer Name :**  **Status :** **UnPaid**

SaleID	INID	CID	Customer_Name	Total Qty	Total Bill	Status	Balance
16	12	1	test	1.0	200.0	Paid	0.0
17	13	0	test	1.0	10.0	Paid	0.0
18	14	0	test	1.0	200.0	Paid	0.0
19	15	0	test	2.0	400.0	Paid	0.0
20	16	0	test	1.0	50.0	Paid	0.0
21	17	0	test	1.0	10.0	Paid	0.0
22	18	0	test	1.0	50.0	Paid	2.0
23	19	0	test	1.0	18.0	Paid	2.0
24	19	0	test	1.0	18.0	Paid	2.0
25	19	0	test	1.0	18.0	Paid	2.0
26	20	0	test	1.0	18.0	Paid	2.0
27	21	0	test	1.0	18.0	Paid	4.0
28	22	0	test	1.0	13.0	Paid	87.0
29	23	0	test	1.0	13.0	Paid	7.0
30	24	0	test	1.0	13.0	Paid	7.0
31	25	0	test	1.0	13.0	Paid	7.0
32	26	n	test	1.0	13.0	Inout	2.0

**Admin Login**

## Stock module:

Date : 2022-10-11 Time : 10:17:53 AM IP Address : 192.168.43.66

**View Stock ADD Stock**

Barcode :	Product Name :	Supplier Name :
<input type="text"/>	<input type="text"/>	<input type="text"/>

pid	Product_Name	Bar_code	Price	Sell_price	Qty	Sid	Supplier_Name
1	mini book	123	100	90	899.0	2	mike
2	pen	100200	10	20	9	1	mike
3	box	100500	50	60	12	3	mike
4	Mouse	12354	13	20	93	2	mike
5	Keyboard	123546	18	20	28	3	mike
6	chi ball	89012353648434	55	60	50	1	mike
8	KANGARO PUNCH	8901238510038	56	60	79	1	mike
9	SYSKA PERSON	8904240715576	829	900	492	2	mike
10	BOAT STONE 650	8904130846854	4999	5000	98	2	mike
11	MI POWER BAN...	8908012587446	3499	4000	91	2	mike
12	BRUT MUSK	3014230022401	299	350	498.0	2	mike
13	Dustless Chalk	8902635515657	70	65	204.0	5	Arun

**Table QTY : 0**

**Admin Login**

**View Stock ADD Stock**

Barcode :	Product Name :	Stock Qty
<input type="text" value="8901238510038"/>	<input type="text" value="KANGARO PUNCH"/>	<input type="text" value="79"/>

New Add /Less QTY

## GRN module:

Date : 2022-10-11 Time : 10:17:48 AM IP Address : 192.168.43.66

GRN NO : 10		Supplier Name : sup test	Supplier ID : 0																			
Barcode	Product Name	Delivery Date	Qty :	Cost Price	Sell Price																	
000000000000	mini book	YYYY-DD-MM	Today's Date	0	0	Add to Table																
<table border="1"> <thead> <tr> <th>GRNID</th> <th>Bar Code</th> <th>Name</th> <th>Qty</th> <th>Cost Price</th> <th>Sell Price</th> <th>Delivery Date</th> <th>Total Price</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>							GRNID	Bar Code	Name	Qty	Cost Price	Sell Price	Delivery Date	Total Price								
GRNID	Bar Code	Name	Qty	Cost Price	Sell Price	Delivery Date	Total Price															
Total Qty : 0.0 SUB TOTAL : 0.0 DISCOUNT 0 % : 00.00 NET TOTAL : 00.00																						
SAVE & PRINT Remove Remove All																						

Admin Login

Date : 2022-10-11 Time : 10:17:51 AM IP Address : 192.168.43.66

GRN NO :		DELIVERY DATE :	(In YYYY-MM-DD Format)	Refresh																																																																																																																																																																																																																																																																																																																								
<table border="1"> <thead> <tr> <th>ID</th> <th>GRN_NO</th> <th>Sid</th> <th>Barcode</th> <th>Item_Name</th> <th>Qty</th> <th>Cost_Price</th> <th>Sell_Price</th> <th>Delivery_Date</th> <th>Sub_Total</th> <th>Discount</th> <th>Net_Total</th> </tr> </thead> <tbody> <tr><td>1</td><td>58</td><td>2</td><td>123</td><td>mini book</td><td>1000</td><td>100</td><td>90</td><td>2021-10-05</td><td>100000.0</td><td>5000.0</td><td>95000.0</td></tr> <tr><td>2</td><td>59</td><td>2</td><td>123</td><td>mini book</td><td>999</td><td>100</td><td>90</td><td>2021-10-05</td><td>100500.0</td><td>10050.0</td><td>90450.0</td></tr> <tr><td>3</td><td>59</td><td>2</td><td>100500</td><td>box</td><td>12</td><td>50</td><td>60</td><td>2021-10-05</td><td>100500.0</td><td>10050.0</td><td>90450.0</td></tr> <tr><td>4</td><td>59</td><td>2</td><td>100500</td><td>box</td><td>12</td><td>50</td><td>60</td><td>2022-8-10</td><td>904553.0</td><td>0.0</td><td>904553.0</td></tr> <tr><td>5</td><td>59</td><td>2</td><td>12354</td><td>Mouse</td><td>93</td><td>13</td><td>20</td><td>2022-8-10</td><td>904553.0</td><td>0.0</td><td>904553.0</td></tr> <tr><td>6</td><td>59</td><td>2</td><td>8904240715576</td><td>SYNSA PERSONAL ...</td><td>498</td><td>829</td><td>900</td><td>2022-8-10</td><td>904553.0</td><td>0.0</td><td>904553.0</td></tr> <tr><td>7</td><td>59</td><td>2</td><td>8904130846854</td><td>BOAT STONE 650</td><td>98</td><td>4999</td><td>5000</td><td>2022-8-10</td><td>904553.0</td><td>0.0</td><td>904553.0</td></tr> <tr><td>8</td><td>2</td><td>100200</td><td>pen</td><td>9</td><td>10</td><td>20</td><td>2022-10-08</td><td>1299.0</td><td>38.97</td><td>1260.03</td><td>1260.03</td></tr> <tr><td>9</td><td>2</td><td>12354</td><td>Mouse</td><td>93</td><td>13</td><td>20</td><td>2022-08-10</td><td>1299.0</td><td>38.97</td><td>1260.03</td><td>1260.03</td></tr> <tr><td>10</td><td>2</td><td>100200</td><td>pen</td><td>9</td><td>10</td><td>20</td><td>2022-08-10</td><td>1299.0</td><td>38.97</td><td>1260.03</td><td>1260.03</td></tr> <tr><td>11</td><td>2</td><td>12354</td><td>Mouse</td><td>93</td><td>13</td><td>20</td><td>2022-08-10</td><td>1299.0</td><td>38.97</td><td>1260.03</td><td>1260.03</td></tr> <tr><td>12</td><td>2</td><td>12354</td><td>Mouse</td><td>93</td><td>13</td><td>20</td><td>2022-08-19</td><td>1809.0</td><td>0.0</td><td>1809.0</td><td>1809.0</td></tr> <tr><td>13</td><td>2</td><td>100500</td><td>box</td><td>12</td><td>50</td><td>60</td><td>2022-08-19</td><td>1809.0</td><td>0.0</td><td>1809.0</td><td>1809.0</td></tr> <tr><td>14</td><td>3</td><td>12354</td><td>Mouse</td><td>93</td><td>13</td><td>20</td><td>2022-08-10</td><td>414051.0</td><td>28983.57</td><td>389067.43</td><td>389067.43</td></tr> <tr><td>15</td><td>3</td><td>4</td><td>8904240715576</td><td>SYNSA PERSONAL ...</td><td>498</td><td>829</td><td>900</td><td>2022-08-10</td><td>414051.0</td><td>28983.57</td><td>389067.43</td><td>389067.43</td></tr> <tr><td>16</td><td>4</td><td>2</td><td>100500</td><td>box</td><td>12</td><td>50</td><td>60</td><td>2022-08-10</td><td>2400.0</td><td>480.0</td><td>1920.0</td><td>1920.0</td></tr> <tr><td>17</td><td>4</td><td>2</td><td>100500</td><td>box</td><td>12</td><td>50</td><td>60</td><td>2022-08-10</td><td>2400.0</td><td>480.0</td><td>1920.0</td><td>1920.0</td></tr> <tr><td>18</td><td>4</td><td>2</td><td>100500</td><td>box</td><td>12</td><td>50</td><td>60</td><td>2022-08-10</td><td>2400.0</td><td>480.0</td><td>1920.0</td><td>1920.0</td></tr> <tr><td>19</td><td>4</td><td>2</td><td>100500</td><td>box</td><td>12</td><td>50</td><td>60</td><td>2022-08-10</td><td>2400.0</td><td>480.0</td><td>1920.0</td><td>1920.0</td></tr> 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</table>							ID	GRN_NO	Sid	Barcode	Item_Name	Qty	Cost_Price	Sell_Price	Delivery_Date	Sub_Total	Discount	Net_Total	1	58	2	123	mini book	1000	100	90	2021-10-05	100000.0	5000.0	95000.0	2	59	2	123	mini book	999	100	90	2021-10-05	100500.0	10050.0	90450.0	3	59	2	100500	box	12	50	60	2021-10-05	100500.0	10050.0	90450.0	4	59	2	100500	box	12	50	60	2022-8-10	904553.0	0.0	904553.0	5	59	2	12354	Mouse	93	13	20	2022-8-10	904553.0	0.0	904553.0	6	59	2	8904240715576	SYNSA PERSONAL ...	498	829	900	2022-8-10	904553.0	0.0	904553.0	7	59	2	8904130846854	BOAT STONE 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...	498	829	900	2022-08-10	414051.0	28983.57	389067.43	389067.43	16	4	2	100500	box	12	50	60	2022-08-10	2400.0	480.0	1920.0	1920.0	17	4	2	100500	box	12	50	60	2022-08-10	2400.0	480.0	1920.0	1920.0	18	4	2	100500	box	12	50	60	2022-08-10	2400.0	480.0	1920.0	1920.0	19	4	2	100500	box	12	50	60	2022-08-10	2400.0	480.0	1920.0	1920.0	20	5	4	100500	box	12	50	60	2022-08-10	2400.0	480.0	1920.0	1920.0	21	5	4	100500	box	12	50	60	2022-08-10	2400.0	480.0	1920.0	1920.0	22	6	3	12354	Mouse	93	13	20	2022-08-19	4836.0	483.6	4352.4	4352.4	23	6	3	12354	Mouse	93	13	20	2022-08-19	4836.0	483.6	4352.4	4352.4	24	6	3	12354	Mouse	93	13	20	2022-08-19	4836.0	483.6	4352.4	4352.4
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Admin Login

## Reports Module:

The screenshot shows the 'Reports Module' of a Java-based point of sale system. The top bar displays the title 'Anuj's Java Point of Sales', the date 'Date : 2022-10-11', and the time 'Time : 10:17:44 AM'. On the left, a sidebar contains icons for Customers, supplier, employee, Product, Sales, Invoice, Stock, GRN, and Reports. Below this is an 'Admin Login' button. The main area features three buttons: 'View All Sales', 'View Monthly Sales', and 'View All Customer's Report'. It also includes input fields for 'Invoice NO.', 'Customer ID', and 'GRN NO.' each with a 'View' button next to it. At the bottom is a button labeled 'Best Selling Products Report'.

## 7. Report:

**Print Receipt:**

<b>YOUR COMPANY .COM</b> WEBSITE GRAPHIC ADVERTISEMENT				
<b>ABC Company Ltd</b> 1234 THANE ,INDIA 1565-2323-112, 6545-2325-232				
INID : 56				
Product Name	Bar code	Qty	Unit Price	Total Price
KANGARO PUNCH	8901238510038	1	56	56.0
BOAT STONE 650	8904130846854	1	4999	4999.0
SYSKA PERSONAL	8904240715576	1	829	829.0
Mi POWER BANK 3i	8908012587446	1	3499	3499.0
BRUT MUSK	3014230022401	1	299	299.0
TOTAL AMOUNT : 8713.8				
<hr/> <hr/> <b>&lt;----- Amount Received From Customer -----&gt;</b> <hr/>				
Paid Amount :10000 /-				
BALANCE :1286				
<hr/> <hr/> <b>** Saved Rs. 968.2 /- On MRP **</b> <hr/>				
<b>Thank You For Your Business.</b>				
<b>Discount's Applicable on Orders Above Rs.800</b> Get 3% Discount on Purchase Above Rs.800 and Below Rs 1500 Get 5% Discount on Purchase Above Rs.1500 and Below Rs 2500 Get 7% Discount on Purchase Above Rs.2500 and Below Rs 5000 Get 10% Discount on Purchase Above Rs 5000				
WE VALUE YOUR COMMENTS at info@company.com This is a computer generated invoice no signature required				
Thursday 06 October 2022				
Page 1 of 1				
(C)2022 JAMBHALE ANUJ Email at jambhalenanu@gmail.com				

## GRN Report:

**YOUR COMPANY**.com  
WEBSITE GRAPHIC ADVERTISEMENT

ABC Company Ltd

1234 THANE ,INDIA

1565-2323-112, 6545-2325-232

GRN NUMBER:

59

DELIVERY DATE:

2021-10-05

Seller ID	Barcode	Product Name	Quantity	Cost Price	Selling Price
2	123	mini book	999	100	90
2	100500	box	12	50	60
2	100500	box	12	50	60
2	12354	Mouse	93	13	20
2	8904240715576	SYSKA	498	829	900
2	8904130846854	BOAT STONE	98	4999	5000

SUB TOTAL: 904553.0

Discount : 0.0

Grand Total : 904553.0

Saturday 08 October 2022

Page 1 of 1

## Customer Search Report:

**YOUR COMPANY**.com

WEBSITE GRAPHIC ADVERTISEMENT

### Customer Details

---

Customer ID: 10

Customer Name : Marcos Marks DVM

Mobile Number: 123456780

E-Mail maybelle.hermiston@gmail.com

City Blandafort

Address 95475 Frami Circles

## Invoice Search Report:

**ABC Company Ltd**

By Anuj

**YOUR COMPANY.com**

WEBSITE GRAPHIC ADVERTISEMENT

cartid	INID	Product Name	Barcode	Quantity	Unit_Price	Total_Price
165	56	BRUT MUSK	30142300224	1	299	299.0
166	56	Mi POWER BANK	89080125874	1	3499	3499.0
167	56	SYSKA	89042407155	1	829	829.0
168	56	BOAT STONE 650	89041308468	1	4999	4999.0
169	56	KANGARO	89012385100	1	56	56.0

Saturday 08 October 2022

Page 1 of 1

## All Customer Report:

**YOUR COMPANY**.com

WEBSITE GRAPHIC ADVERTISEMENT

### Customer Report

Customer ID	Customer Name	Mobile Number	Email	City
1	test	12345	test@gmail.com	Thane
2	Althea Bednar	8289102674	swaniawski.	Ardenview
3	smith	789-456-1	smith@gmail.com	Navi Mumbai
6	saman	77-88-9	johson.	West Deslinchester
8	jack	78-2222	jack@gmail.com	Thane
9	sam	999-9988	sam@gmail.com	Raigad
10	Marcos Marks DVM	123456780	maybelle.	Blandafort
11	something	3675652826	corkery.	Lake Anabelle

Sunday 09 October

© Anuj Jambhale

## Monthly Sales Report:

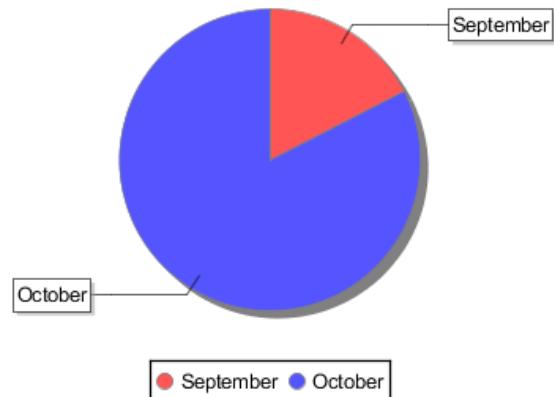
YOUR COMPANY.com  
WEBSITE GRAPHIC ADVERTISEMENT

Monthly & Yearly Sales Report

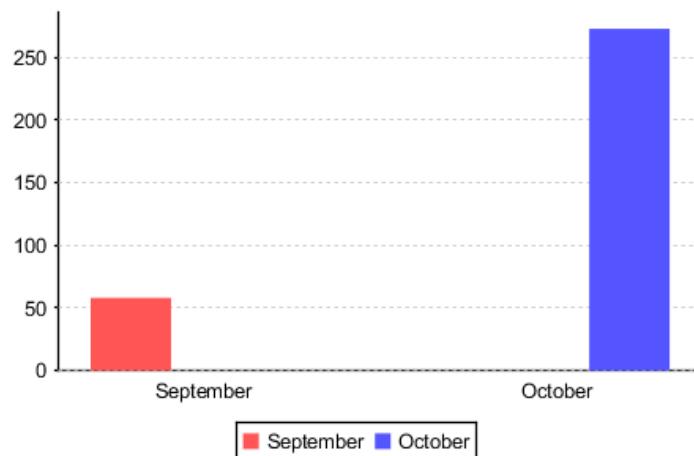
### ABC Company Ltd

1234 THANE ,INDIA  
1565-2323-112, 6545-2325-232

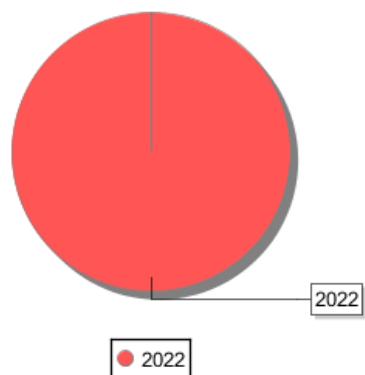
Monthly Sales Pie Chart



Monthly Sales Bar Graph



**Yearly Sales Pie Chart**



**Yearly Sales Bar Graph**



**In Tabular Format**

YEAR	MONTH	TOTAL SALES
2022	September	58.0
2022	October	273.0

**Tuesday 11 October 2022**

## Best Selling Products Report:

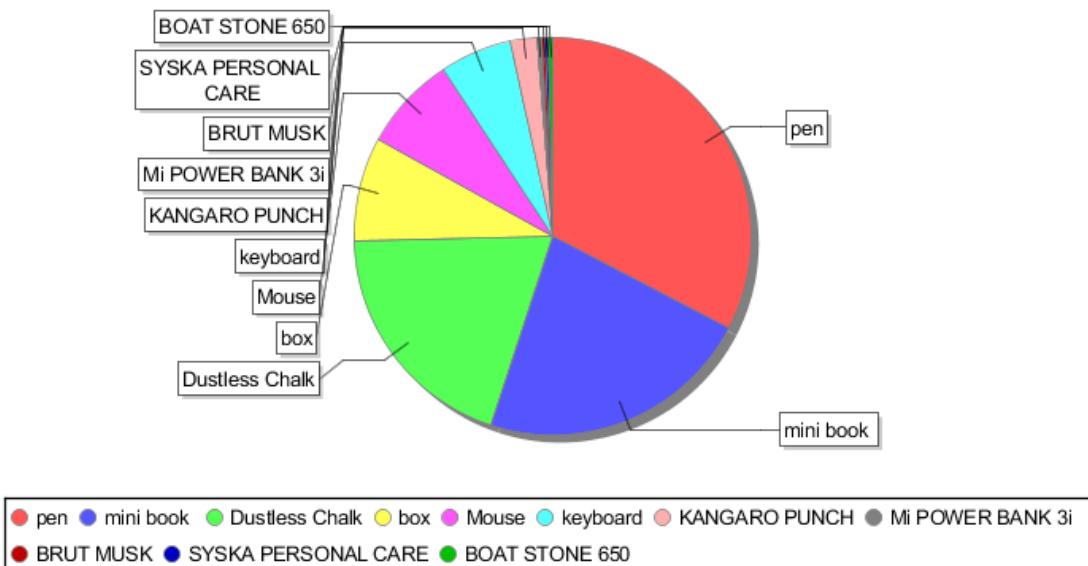
**YOUR COMPANY**.com  
WEBSITE GRAPHIC ADVERTISEMENT

### BEST SELLING PRODUCTS REPORT

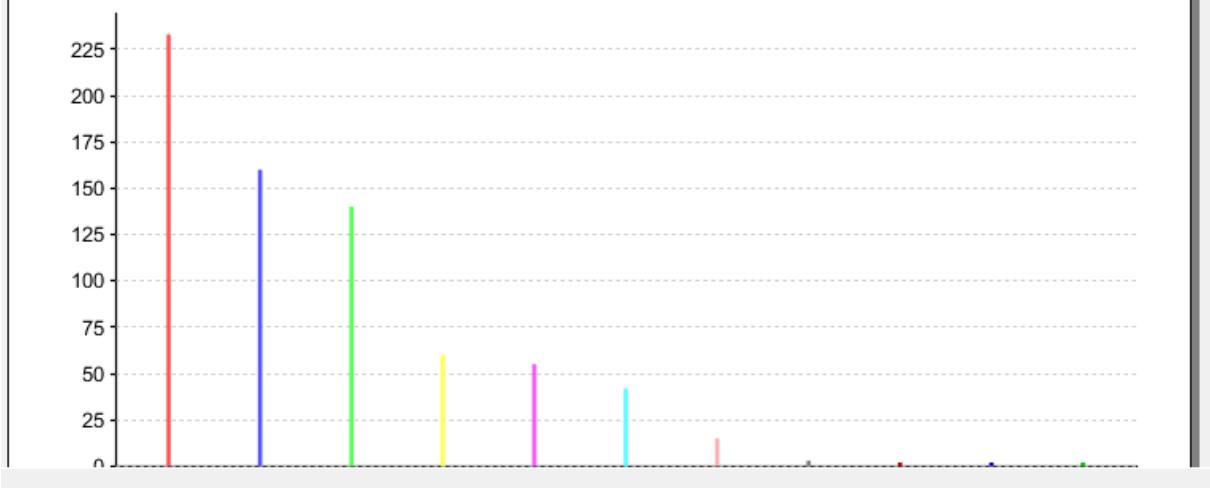
ABC Company Ltd

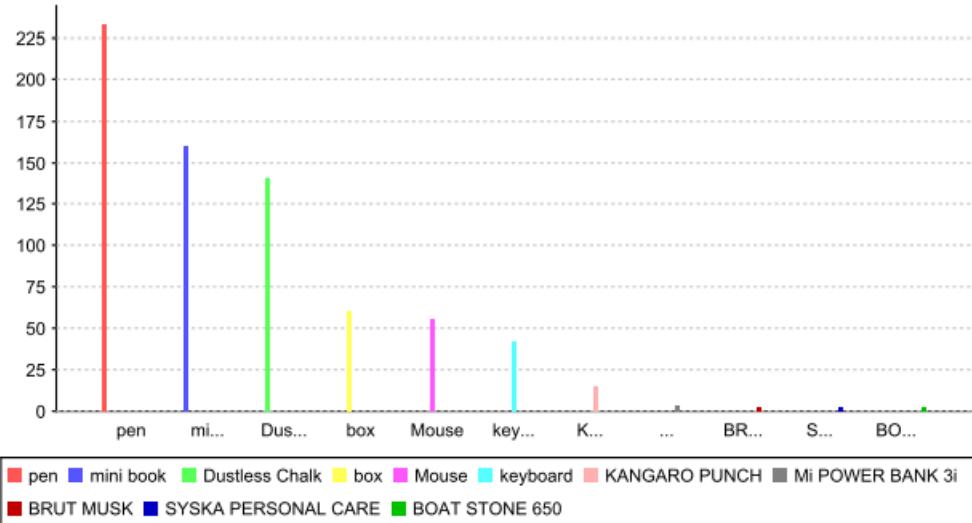
1234 THANE ,INDIA  
1565-2323-112, 6545-2325-232

Pie Chart



Bar Chart





#### List of All the products ordered by quantity sold

Product Name	Barcode	Total Sales of the Product
pen	100200	233.0
mini book	100100	160.0
Dustless Chalk	8902635515657	140.0
box	100500	60.0

Tuesday 11 October 9.14.57 AM

Page 1 of 2

Product Name	Barcode	Total Sales of the Product
Mouse	12354	55.0
keyboard	123546	42.0
KANGARO PUNCH	8901238510038	15.0
Mi POWER BANK	8908012587446	3.0
BRUT MUSK	3014230022401	2.0
SYSKA	8904240715576	2.0
BOAT STONE 650	8904130846854	2.0

## View All Sales Report:

**ABC Company Ltd**

By Anuj

**YOUR COMPANY.com**

WEBSITE GRAPHIC ADVERTISEMENT

sale id	INID	Cid	Customer_Name	Total_Qty	Total_Bill	Status	Balance
16	12	1	test	1.0	200.0	Paid	0.0
17	13	0	test	1.0	10.0	Paid	0.0
18	14	0	test	1.0	200.0	Paid	0.0
19	15	0	test	2.0	400.0	Paid	0.0
20	16	0	test	1.0	50.0	Paid	0.0
21	17	0	test	1.0	10.0	Paid	0.0
22	18	0	test	1.0	18.0	Paid	2.0
23	18	0	test	1.0	18.0	Paid	2.0
24	19	0	test	1.0	18.0	Paid	2.0
25	19	0	test	1.0	18.0	Paid	2.0
26	20	0	test	1.0	18.0	Paid	2.0
27	21	0	test	1.0	18.0	Paid	4.0
28	22	0	test	1.0	13.0	Paid	87.0
29	23	0	test	1.0	13.0	Paid	7.0

Sunday 09 October 2022

Page 1 of 4

## **8. Testing:**

The Software Testing Technique used is black-box testing.

Black box testing is a technique of software testing which examines the functionality of software without peering into its internal structure or coding. The primary source of black box testing is a specification of requirements that is stated by the customer.

1. Input : incorrect username / password or user type.

Expected output: A dialog box should appear prompting the user about the incorrect credentials.

Actual output: The login window goes in freeze state.

Current Status: Error rectified

2. Input : Barcode of the product scanned.

Expected output: The barcode should appear in barcode text field only once per scan.

Actual Output: The barcode numbers appears multiple times in the text field.

Current Status : Error rectified

3. Input: Clicking on the table in the employee window

Expected output: All the field should be auto filled in their dedicated text field's except password.

Actual Output: All the field are auto filled in their dedicated text field's including password causing confidentiality issues.

Current Status : Error rectified.

## **9. Future Enhancements , Conclusion and Bibliography:**

### **9.1 Future Enhancements:**

- Making and Integrating a customer loyalty app
- Add module to calculate taxes
- Improve the UI of the application

### **9.2 Conclusion:**

- This System is designed to make the sales and management easier for small business.
- It is designed to make the sales affordable by using a Android application in place of a physical barcode scanner.

## **Bibliography**

- <https://stackoverflow.com/>
- <https://www.w3schools.com/sql/>
- <https://community.jaspersoft.com/wiki/report-designer-tutorials-help>
- <https://www.w3schools.com/git/>
- [https://youtu.be/\\_XTiHxXghEI](https://youtu.be/_XTiHxXghEI)
- <https://docs.oracle.com/javase/tutorial/uiswing/>