RADIANT ENGLISH ACADEMY

# A PROJECT TO CREATE BILL AND STOCK MANAGEMENT SYSTEM

## INFORMATICS PRACTICES

2019-2020

# A PROJECT
# TO CREATE BILL
# AND
# STOCK MANAGEMENT SYSTEM

IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE CBSE INFORMATICS PRACTICES COURSE
FOR ACADEMIC YEAR 2019-2020

**SUBMITTED BY**
SHREYANSH AGRAWAL
Roll No.: 26
XII SCIENCE-A

**TO**

MR.AMIT SINGH
INFORMATICS PRACTICES FACULTY

**RADIANT ENGLISH ACADEMY**
**SURAT, GUJARAT**

# CERTIFICATE

This is to certify that Mr.SHREYANSH AGRAWAL of Class XII SCIENCE – A of RADIANT ENGLISH ACADEMY, Surat has completed his project file under my supervision. He has taken proper care and shown utmost sincerity in the completion of this project.

I certify that this project is up to my expectation and as per the guidelines issued by CBSE.

| | |
|---|---|
| **Signature** | **Principal Signature** |
| **(Mr. Amit Singh)** | **(Dr. L.N Singh)** |

# DECLARATION

## ***DECLARATION***

I declare that this project entitled "*BILL MAKING AND STOCK MANAGEMENT SYSTEM*" done at RADIANT ENGLISH ACADEMY is a record of project work submitted by me for the partial fulfilment of the 10+2 of CBSE under the supervision and guidance of MR.AMIT SINGH

The Project is genuine and not a reproduction of any project previously done or submitted.

(SHREYANSH AGRAWAL)
(Roll No.: 26)
(XII SCIENCE A)

# ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my teacher Mr. AMIT SINGH as well as our Principal Mr. LN SINGH who gave me the golden opportunity to do this wonderful project on the topic *BILL MAKING AND STOCK MANAGEMENT SYSTEM*, which also helped me in doing a lot of research and I came to know about so many new things. So, I am really thankful to them. Secondly I would also like to thank my parents and friends who helped me a lot in finalizing this project within the limited time frame.

(SHREYANSH AGRAWAL)
(Roll No.: 26)
(XII SCIENCE A)

- Project Submitted By:

  SHREYANSH AGRAWAL

# INTRODUCTION TO THE PROJECT

This project is designed to facilitate a BILLING SYSTEM to automate its operations of CREATING BILL and STOCK MANAGEMENT then in form of a large and user friendly database further facilitating easy access to the personnel.

## OBJECTIVES OF THE PROJECT

⇒What was the Problem?

- Existing system was manual.
- Time consuming as data entry which include calculations took lot of time.
- Searching was very complex as there could be 100’s of entry every year.
- The proposed system is expected to be faster than the existing system.
- The Project was made in order to effectively and efficiently caters to requirements of the billing system. Very frequently the person who generally holds the tasks to manage the center needs to keep records of all the transactions as well as data manually. This whole process thus becomes quite cumbersome for them to control manually. Moreover, any wrong data entered mistakenly can bring serious results.
- This manually managed system of the store was also heavily prone to data loss due to certain cause’s misplacement of registers, destruction of registers, unauthorized access to registers etc. which can bring in disastrous consequences.

- The cost of maintenance of data and records of occurrence of transactions is very high.
- Searching a particular data specific to particular requirements is also very tedious in such system. In order to retrieve records. The responsible person needs to manually locate the appropriate register and locate the appropriate placement of that particular record which may be very time consuming.
- Data Redundancy is also a great issue in such kind of system. ”Redundancy” means repetition. Thus data modified or updated at a particular place may not be data modified or updated at the other related place which may create inconsistencies in data handling, destroys Data Integrity and creates confusion for the owner.

## ➢ What the Software Provides in this Regard?

- The software is capable enough to allow the concerned person to store and retrieve any type of record with just a single click of mouse. The software allows Interactive, Self describing Graphic User Interface environment where even standalone users can work very comfortably and easily.
- All the data pertaining to transactions or other important entities is kept at central database from where its attributes can be easily controlled. But, such kind of technical details are hidden from the standalone User. He just needs to type in correct details of the given entity and

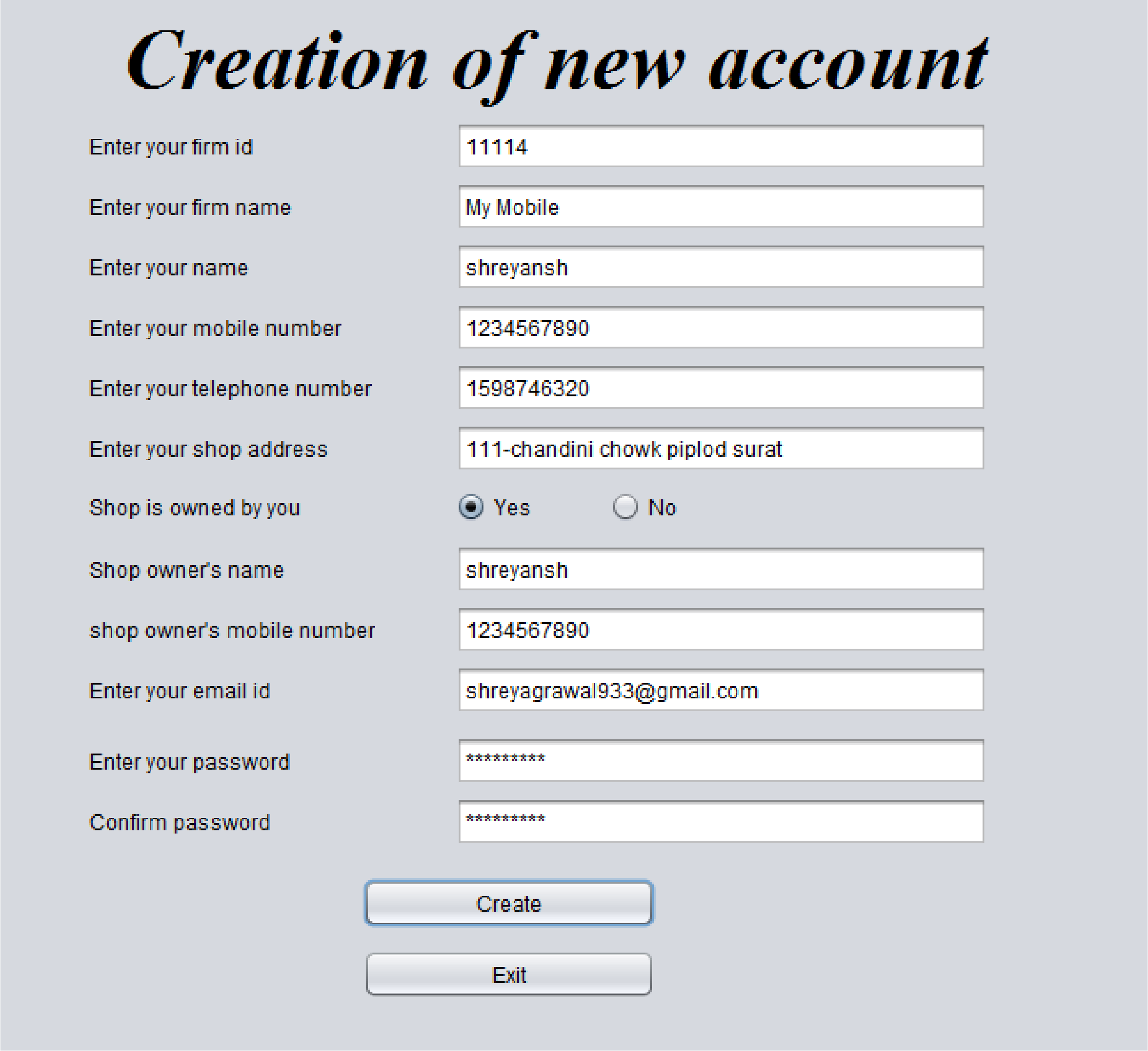
then click the save button with the help of mouse. However, that central repository of data can be easily accessed if required.

- Data Redundancy is no more the problem now. The data modified from one particular data entry form will reflect the modifications at the other related forms too. This has thus reduced the chances of data inconsistency in our data storage.
- There is no need to manage bulky registers now as data stored in the backend database can be readily retrieved either from the frontend form itself or directly from the database.
- Requires one time investment of setting up required Hardware and Software after which no more headaches are required by the Managers. Moreover, it also reduces dependence on Man Power.
- Effective Search measures are present at each and every data transactional forms from where by just entering a unique keyword for that data its whole records can be readily seen within microseconds. Moreover, Facility of Updating and Deleting of data through search is also available.

# INDEX

# FORMS

# NEW ACCOUNT



# Creation of new account

| | |
|---|---|
| Enter your firm id | 11114 |
| Enter your firm name | My Mobile |
| Enter your name | shreyansh |
| Enter your mobile number | 1234567890 |
| Enter your telephone number | 1598746320 |
| Enter your shop address | 111-chandini chowk piplod surat |
| Shop is owned by you | ● Yes ○ No |
| Shop owner's name | shreyansh |
| shop owner's mobile number | 1234567890 |
| Enter your email id | shreyagrawal933@gmail.com |
| Enter your password | ********* |
| Confirm password | ********* |

***//CODE FOR INIT COMPONENT***

```
initComponents();

    try
    {
      Class.forName("java.sql.Driver");
      Connection
conn=DriverManager.getConnection("jdbc:mysql://localhos
t:3306/market","root","admin");

      Statement stmt=conn.createStatement();

      String sql="select max(firm_id) from firm;";
      ResultSet rs =stmt.executeQuery(sql);

      int firmId=11111;
      if(rs.next())
      {
        firmId=rs.getInt(1);
        firmId++;
      }
      jTffrmid.setText(firmId+"");
    }
    catch(Exception e)
    {
      JOptionPane.showMessageDialog(this,
e.getMessage());
    }
  }
```

***//CODE FOR CREATE BUTTON***

```
  try{
          Class.forName("java.sql.Driver");
          Connection
conn=DriverManager.getConnection("jdbc:mysql://l
ocalhost:3306/market","root","admin");

          Statement stmt=conn.createStatement();

          int firm_id=Integer.parseInt(jTffrmid.getText());
          String firm_name=jTffrm.getText();
          String owners_name =jtfname.getText();
          String owners_mob_num = jTFmob.getText();
          String owners_tel_num =jTFtelnum.getText();
          String email_id = jTFemail.getText();
          String address = jTFshopadd.getText();

          String r_u_owner = null;
          if(jRadioButton1.isSelected())
             r_u_owner="Y";
          else if(jRadioButton2.isSelected())
             r_u_owner="N";
         String sp_owners_name =
jTFshponersname.getText();
         String sp_owners_mob_num =
jTFshponesnum.getText();
         String pass = new
String(jPasswordField1.getPassword());
```

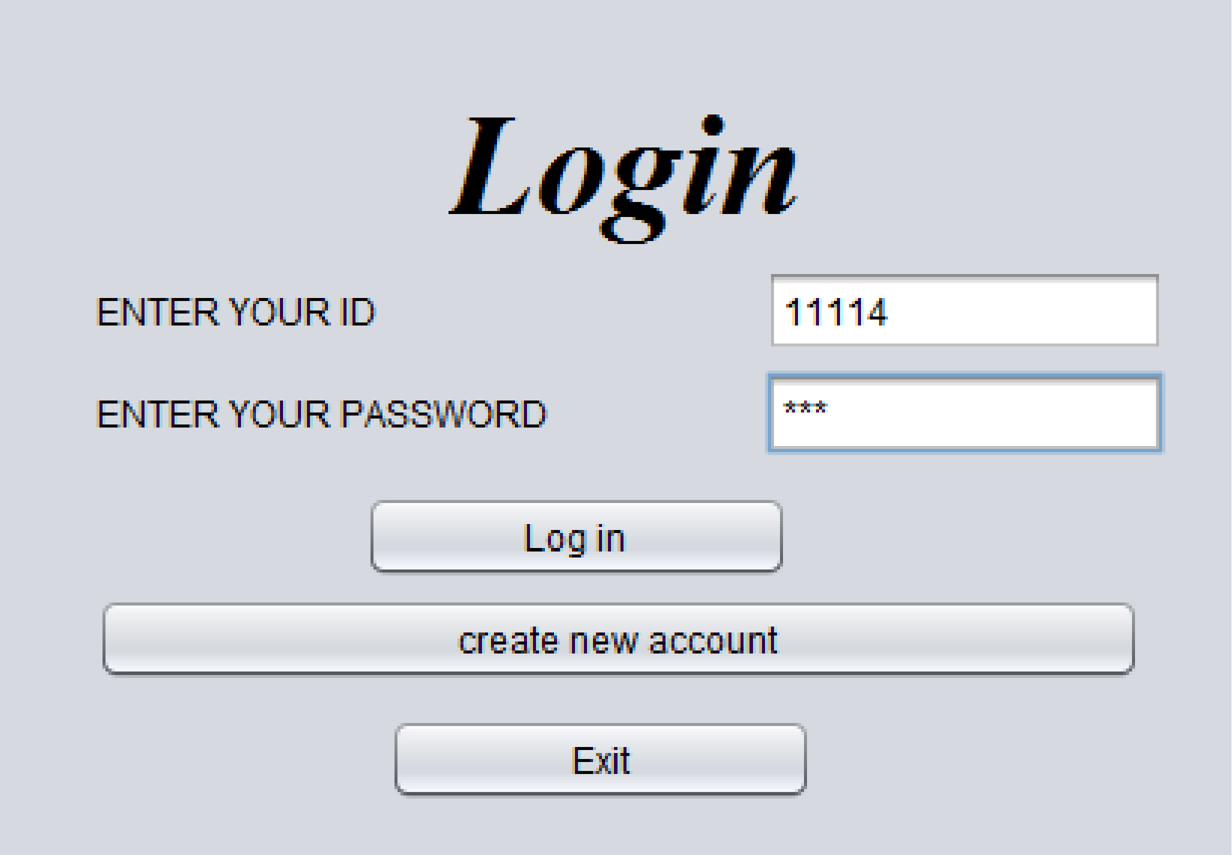
```
          String cpass = new
String(jPasswordField2.getPassword());

          String sql = "insert into firm
values('"+firm_id+"','"+firm_name+"','"+owners_name+"'
,'"+owners_mob_num+"','"+owners_tel_num+"','"+email
_id+"','"+address+"','"+r_u_owner+"','"+sp_owners_nam
e+"','"+sp_owners_mob_num+"','"+pass+"');";
          stmt.executeUpdate(sql);


JOptionPane.showMessageDialog(this,"Welcome");
          new idpassword().setVisible(true);
          dispose();
       }
       catch(Exception e)
       {
           JOptionPane.showMessageDialog(this,
e.getMessage());
       }

    }

    private void
jRadioButton1ItemStateChanged(java.awt.event.Ite
mEvent evt) {
       if(jRadioButton1.isSelected())
       {
          jTFshponersname.setText(jtfname.getText());
```

```
            jTFshponesnum.setText(jTFmob.getText());
        }
    }
```

## ***CODE FOR EXIT BUTTON:***

```
System.exit(0);
```

# LOGIN FORM



ENTER YOUR ID 11114

ENTER YOUR PASSWORD ***

## ***CODE FOR LOGIN BUTTON:***

```
try
       {
         Class.forName("java.sql.Driver");
         Connection Conn =
DriverManager.getConnection("jdbc:mysql://localho
st:3306/market","root","admin");
         Statement stmt = Conn.createStatement();
         String userid = jTextField1.getText();
         String password = new String
(jPasswordField1.getPassword());
         String sql="SELECT * FROM firm where firm_id
='"+userid+"' and pass='"+password+"';";
         ResultSet rs=stmt.executeQuery(sql);

         if(rs.next())
         {
            new welcome().setVisible(Boolean.TRUE);
            dispose();
         }
         else
         {
            JOptionPane.showMessageDialog(this,
"Incorrect Id Or Password");
         }
```

```
        }
          catch(Exception e)
          {
           JOptionPane.showMessageDialog(this, 
e.getMessage());
          }

    }
```

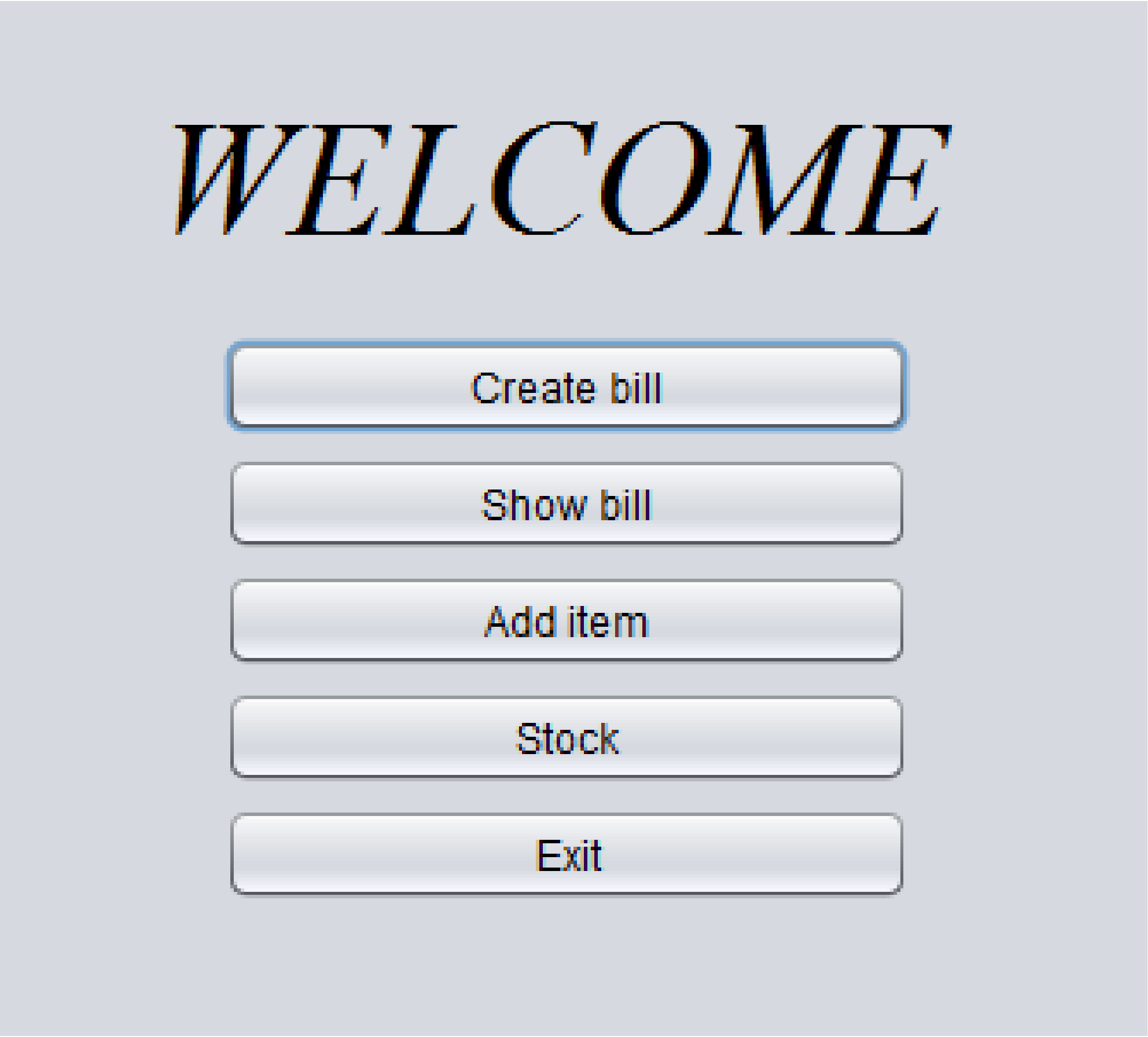
## ***CODE FOR CREATE NEW ACCOUNT BUTTON:***

```
new creattion_of_new_account().setVisible(true);
       dispose();
```

# MAIN

# PAGE

## ***MAIN PAGE***



### ➢ ***CODE FOR CREATE BILL***

```
new createbill().setVisible(true);
dispose();
```

### ➢ ***CODE FOR SHOW BILL***

```
new ShowBillDetails().setVisible(true);
dispose();
```

### ➢ ***CODE FOR ADD ITEM***

```
new Add_item().setVisible(true);
 dispose();
```

### ➢ ***CODE FOR STOCK***

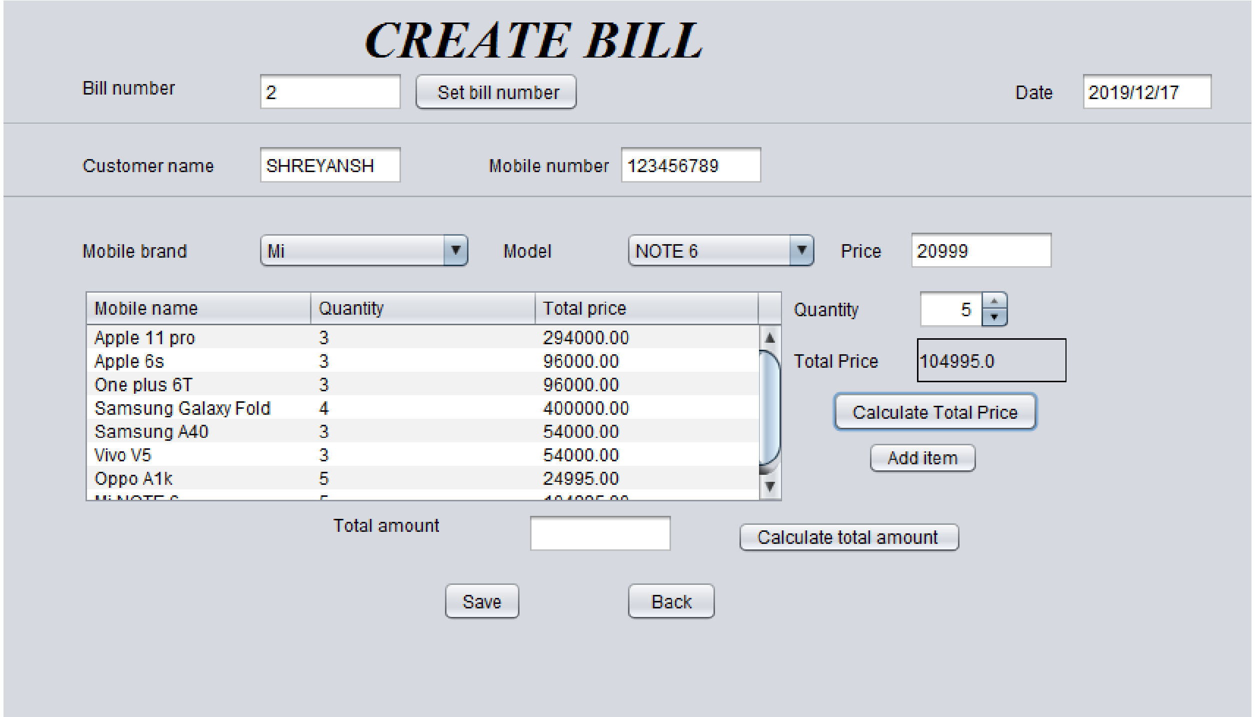
```
new Stock().setVisible(true);
dispose();
```

### ➢ ***CODE FOR EXIT***

```
System.exit(0);
```

# CREATE BILL

# CODE FOR CREATE BILL



CREATE BILL

Bill number: 2

Date: 2019/12/17

Customer name: SHREYANSH

Mobile number: 123456789

Mobile brand: Mi

Model: NOTE 6

Price: 20999

| Mobile name | Quantity | Total price |
|---|---|---|
| Apple 11 pro | 3 | 294000.00 |
| Apple 6s | 3 | 96000.00 |
| One plus 6T | 3 | 96000.00 |
| Samsung Galaxy Fold | 4 | 400000.00 |
| Samsung A40 | 3 | 54000.00 |
| Vivo V5 | 3 | 54000.00 |
| Oppo A1k | 5 | 24995.00 |
| Mi NOTE 6 | 5 | 104995.00 |

Quantity: 5

Total Price: 104995.0

Total amount:

CODE FOR SET BILL NUMBER

```
 try
     {
        Class.forName("java.sql.Driver");
        Connection
conn=DriverManager.getConnection("jdbc:mysql://localhos
t:3306/market","root","admin");

        Statement stmt=conn.createStatement();

        String sql="select max(bill_no) from bill;";
        ResultSet rs =stmt.executeQuery(sql);

        int BillNo=1;
        if(rs.next())
        {
           BillNo=rs.getInt(1);
           BillNo++;
        }
        JTFbill_no.setText(BillNo+"");
        DateFormat df = new
SimpleDateFormat("yyyy/MM/dd");
        Date dateobj = new Date();
        jFormattedTextField1.setText(df.format(dateobj));
        }
      catch(Exception e)
      {
        JOptionPane.showMessageDialog(this,
e.getMessage());
      }
```

CODE FOR CALCULATE TOTAL PRICE

```
int qty = Integer.parseInt(jSqty.getValue().toString());
        float rate = Float.parseFloat(jTFPrice.getText());
        float totRate = qty*rate;
        jLblTotalPrice.setText(totRate+"");
        jBTADDITEM.setEnabled(true);
```

CODE FOR ADD ITEM

```
DefaultTableModel
model=(DefaultTableModel)jtTbill.getModel();
        try
        {
            Class.forName("java.sql.Driver");
            Connection
conn=DriverManager.getConnection("jdbc:mysql://localhos
t:3306/market","root","admin");

            Statement stmt=conn.createStatement();

            int billNo = Integer.parseInt(JTFbill_no.getText());
            String dateOrder = jFormattedTextField1.getText();
            String customerName = JTFCustName.getText();
            String mobileNo = jTFMobileNo.getText();
            String mobilebrand =
jCBBRAND.getSelectedItem().toString();
            String productmodel =
jCBMODEL.getSelectedItem().toString();
            int qty = Integer.parseInt(jSqty.getValue().toString());
            float totalAmt =
Float.parseFloat(jLblTotalPrice.getText());
```

```
            String sql1 ="insert into bill
values('"+billNo+"','"+dateOrder+"','"+customerName+"','"+mo
bileNo+"','"+mobilebrand+"','"+productmodel+"','"+qty+"','"+to
talAmt+"');";
            stmt.executeUpdate(sql1);

            int billnum = Integer.parseInt(JTFbill_no.getText());
            String sql2 = "select concat(mobilebrand,'
',model),quantity,total_amt from bill where bill_no
="+billnum+";";
            ResultSet rs=stmt.executeQuery(sql2);
            int rows = model.getRowCount();
            if(rows>0)
            {
                for (int i=0;i<rows;i++)
                {
                    model.removeRow(0);
                }
            }
            while(rs.next())
            {
            model.addRow(new Object[]
{rs.getString(1),rs.getString(2),rs.getString(3),});
            }
             String sql4 ="update items set quantity = quantity-
"+qty+" where serise='"+productmodel+"';";
             stmt.executeUpdate(sql4);
        }
        catch(Exception e)
        {

JOptionPane.showMessageDialog(this,e.getMessage());
        }
        jBTADDITEM.setEnabled(false);
        jLblTotalPrice.setText(null);
        jSqty.setValue(1);
```

CODE TO CALCULATE TOTAL AMOUNT

```
        DefaultTableModel model=(DefaultTableModel)jtTbill.getModel();
        try{
            Class.forName("java.sql.Driver");
            Connection conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/market","root","admin");

            Statement stmt=conn.createStatement();

            int billNo = Integer.parseInt(JTFbill_no.getText());

            String sql3 = "select sum(total_amt) from bill where bill_no='"+billNo+"';";
            ResultSet rs =  stmt.executeQuery(sql3);
            rs.next();
            jTFtotalamt.setText(rs.getString(1));
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(this,e.getMessage());
        }
```

CODE FOR SAVE BUTTON

```
JTFCustName.setText("");
      JTFbill_no.setText("");
      jFormattedTextField1.setText("");
      jTFMobileNo.setText("");
      jTFPrice.setText("");
      jTFtotalamt.setText("");

     DefaultTableModel
model=(DefaultTableModel)jtTbill.getModel();

           int rows = model.getRowCount();
           if(rows>0)
           {
               for (int i=0;i<rows;i++)
               {
                   model.removeRow(0);
               }
           }
```

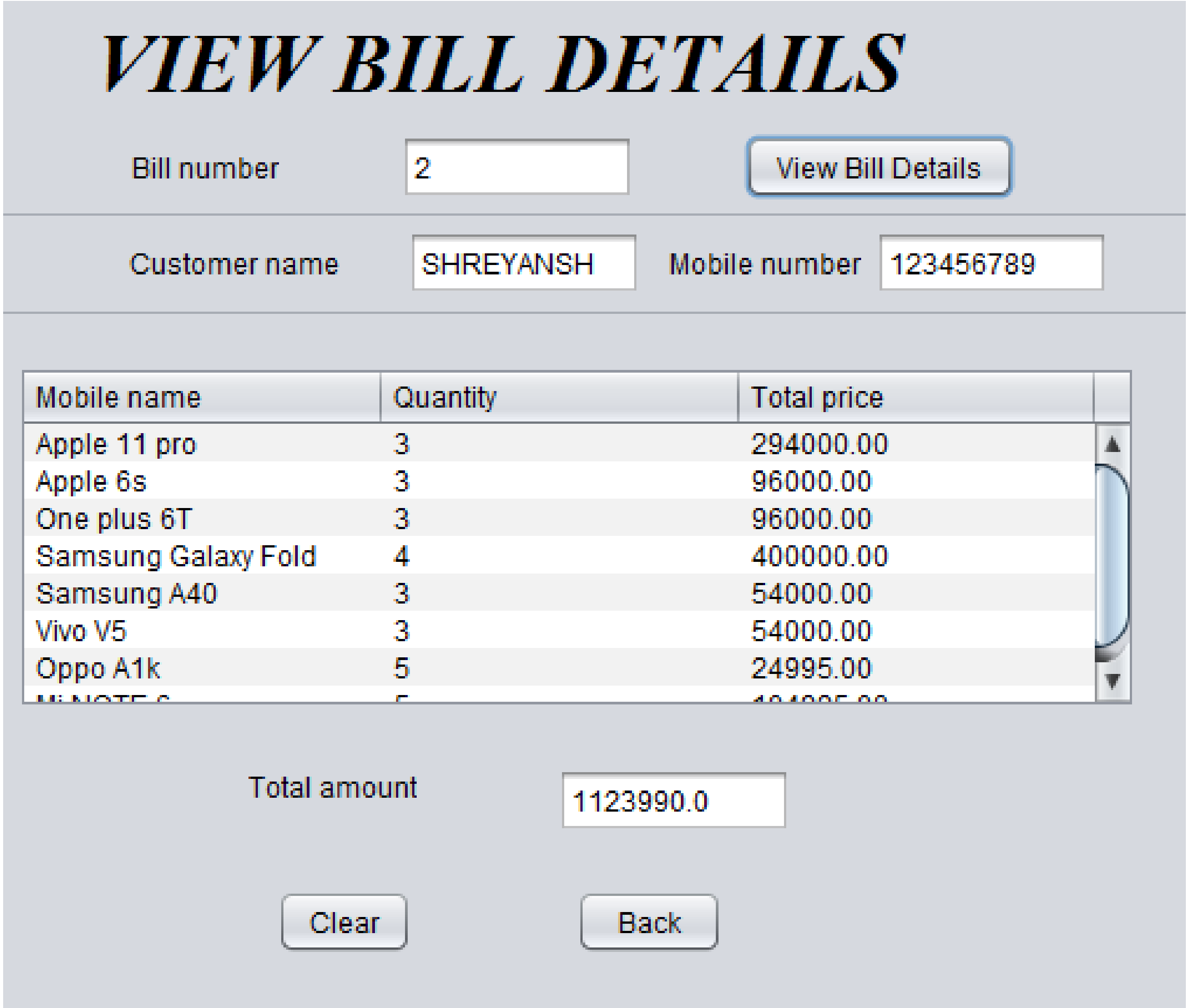
CODE FOR BACK BUTTON

```
new welcome().setVisible(true);
       dispose();
```

# VIEW

# BILL

# DETAILS



# VIEW BILL DETAILS

| | | |
|---|---|---|
| Bill number | 2 | View Bill Details |

| | | | |
|---|---|---|---|
| Customer name | SHREYANSH | Mobile number | 123456789 |

| Mobile name | Quantity | Total price |
|---|---|---|
| Apple 11 pro | 3 | 294000.00 |
| Apple 6s | 3 | 96000.00 |
| One plus 6T | 3 | 96000.00 |
| Samsung Galaxy Fold | 4 | 400000.00 |
| Samsung A40 | 3 | 54000.00 |
| Vivo V5 | 3 | 54000.00 |
| Oppo A1k | 5 | 24995.00 |
| Mi NOTE 6 | 5 | 104995.00 |

Total amount 1123990.0

## CODE FOR VIEW BILL DETAILS

```
    DefaultTableModel
model=(DefaultTableModel)jtTbill.getModel();
    try
    {   Class.forName("java.sql.Driver");
        Connection
conn=DriverManager.getConnection("jdbc:mysql://localhos
t:3306/market","root","admin");
        Statement stmt=conn.createStatement();
        int bill_no = Integer.parseInt(JTFbill_no.getText());
        String sql="SELECT
CustomerName,mobile_no,mobilebrand,model,quantity,tot
al_amt FROM bill where bill_no ='"+bill_no+"';";
        ResultSet rs=stmt.executeQuery(sql);
        double totalBill=0;

        int rows = model.getRowCount();
            if(rows>0)
            {
                for (int i=0;i<rows;i++)
                {
                    model.removeRow(0);
                }
            }
            while(rs.next())
            {
                JTFCustName.setText(rs.getString(1));
                jTFMobileNo.setText(rs.getString(2));
                totalBill+=rs.getDouble(6);
                model.addRow(new Object[] {rs.getString(3)+"
"+rs.getString(4),rs.getString(5),rs.getString(6)});
```

```
            }
            if(totalBill==0)
            {
                JTFCustName.setText("");
                JTFbill_no.setText("");
                jTFMobileNo.setText("");
                jTFtotalamt.setText("");
                JOptionPane.showMessageDialog(this, "BillNo
doesn't exist...!");
            }
            else
            {
                jTFtotalamt.setText(totalBill+"");
            }


        }
        catch(Exception a)
        {
            JOptionPane.showMessageDialog(this,a);
        }
```

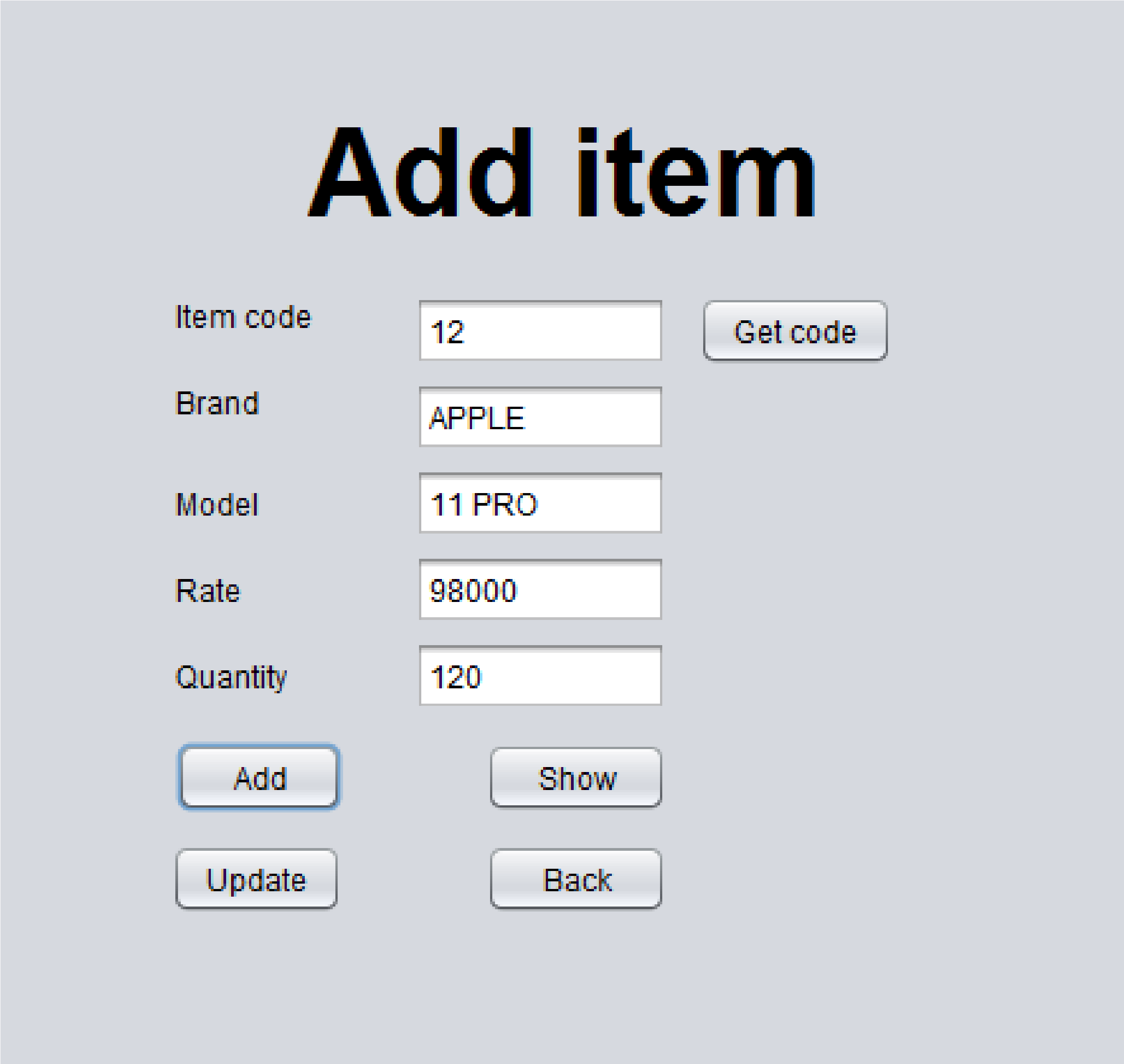
CODE FOR CLEAR BUTTON

```
        DefaultTableModel
model=(DefaultTableModel)jtTbill.getModel();
        JTFCustName.setText("");
        JTFbill_no.setText("");
        jTFMobileNo.setText("");
        jTFtotalamt.setText("");

        int rows = model.getRowCount();
        if(rows>0)
        {
            for (int i=0;i<rows;i++)
            {
                model.removeRow(0);
            }
        }
```

CODE FOR BACK BUTTON

```
new welcome().setVisible(true);
        dispose();
```

# ADD ITEM



Add item

Item code: 12

Brand: APPLE

Model: 11 PRO

Rate: 98000

Quantity: 120

CODE for GET CODE button:

```
         try{
          Class.forName("java.sql.Driver");
          Connection
conn=DriverManager.getConnection("jdbc:mysql://localhos
t:3306/market","root","admin");

          Statement stmt=conn.createStatement();

          int item_code =
Integer.parseInt(jTFItemCode.getText());
          String brand = jTFBrand.getText();
          String sri = jTFmodel.getText();
          int rate =Integer.parseInt(jTFRate.getText());
          int qty =Integer.parseInt(jTFQty.getText());

          String sql ="UPDATE ITEMS SET
brand='"+brand+"',serise='"+sri+"',rate='"+rate+"',quantity='"+q
ty+"' WHERE item_code='"+item_code+"';";
          stmt.executeUpdate(sql);
          JOptionPane.showMessageDialog(this,"Mobile details
successfuly updated");

       }
       catch(Exception e)
       {
          JOptionPane.showMessageDialog(this,
e.getMessage());
       }
       jTFItemCode.setText(null);
       jTFRate.setText(null);
       jTFQty.setText(null);
       jTFBrand.setText(null);
       jTFmodel.setText(null);
```

CODE FOR ADD BUTTON

```
       try{
          Class.forName("java.sql.Driver");
          Connection conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/market","root","admin");

          Statement stmt=conn.createStatement();

          int item_code = Integer.parseInt(jTFItemCode.getText());
          String brand = jTFBrand.getText();
          String sri = jTFmodel.getText();
          int rate =Integer.parseInt(jTFRate.getText());
          int qty =Integer.parseInt(jTFQty.getText());

          String sql ="insert into items values('"+item_code+"','"+brand+"','"+sri+"','"+rate+"','"+qty+"'); ";
          stmt.executeUpdate(sql);
          JOptionPane.showMessageDialog(this,"Item successfuly inserted");
       }
       catch(Exception e)
       {
          JOptionPane.showMessageDialog(this, e.getMessage());
       }
```

```
        jTFItemCode.setText(null);
        jTFRate.setText(null);
        jTFQty.setText(null);
        jTFBrand.setText(null);
        jTFmodel.setText(null);
```

CODE FOR SHOW BUTTON

```
try{ Class.forName("java.sql.Driver");
            Connection
conn=DriverManager.getConnection("jdbc:mysql://localhos
t:3306/market","root","admin");
            Statement stmt=conn.createStatement();
            int mobid = Integer.parseInt(jTFItemCode.getText());
            String sql="SELECT * FROM items where item_code
="+mobid+";";
            ResultSet rs=stmt.executeQuery(sql);
            if
            (rs.next())
            {
                jTFQty.setText(rs.getString("quantity"));
                jTFBrand.setText(rs.getString("brand"));
                jTFmodel.setText(rs.getString("serise"));
                jTFRate.setText(rs.getString("rate"));
            }
            else { JOptionPane.showMessageDialog(this,
"Account does not exist");
                jTFItemCode.setText(""); } }
        catch(Exception a)
        {
            JOptionPane.showMessageDialog(this,a);
        }
```

CODE FOR UPDATE BUTTON

```
try{
          Class.forName("java.sql.Driver");
          Connection
conn=DriverManager.getConnection("jdbc:mysql://localhos
t:3306/market","root","admin");

          Statement stmt=conn.createStatement();

          int item_code =
Integer.parseInt(jTFItemCode.getText());
          String brand = jTFBrand.getText();
          String sri = jTFmodel.getText();
          int rate =Integer.parseInt(jTFRate.getText());
          int qty =Integer.parseInt(jTFQty.getText());

          String sql ="UPDATE ITEMS SET
brand='"+brand+"',serise='"+sri+"',rate='"+rate+"',quantity='"+q
ty+"' WHERE item_code='"+item_code+"';";
          stmt.executeUpdate(sql);
          JOptionPane.showMessageDialog(this,"Mobile details
successfuly updated");

       }
       catch(Exception e)
       {
          JOptionPane.showMessageDialog(this,
e.getMessage());
       }
       jTFItemCode.setText(null);
```

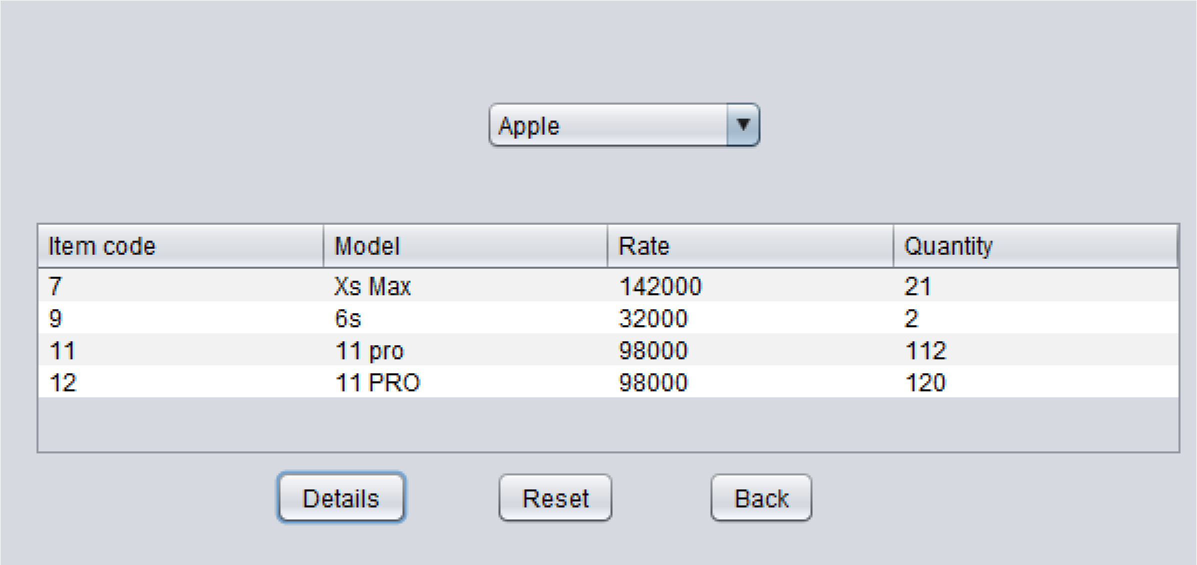
```
        jTFRate.setText(null);
        jTFQty.setText(null);
        jTFBrand.setText(null);
        jTFmodel.setText(null);
    }
```

CODE FOR BACK BUTTON

```
new welcome().setVisible(true);
        dispose();
```

# STOCKS

## STOCKS FORM



| Item code | Model | Rate | Quantity |
|---|---|---|---|
| 7 | Xs Max | 142000 | 21 |
| 9 | 6s | 32000 | 2 |
| 11 | 11 pro | 98000 | 112 |
| 12 | 11 PRO | 98000 | 120 |

## CODE FOR DETAILS BUTTON

```
DefaultTableModel
model=(DefaultTableModel)JTStock.getModel();
   try
   {   Class.forName("java.sql.Driver");
       Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/market","root","admin");
       Statement stmt=conn.createStatement();
       String brand =
jComboBox1.getSelectedItem().toString();
       String sql="SELECT item_code,serise,rate,quantity FROM
items where brand ='"+brand+"';";
       ResultSet rs=stmt.executeQuery(sql);
```

```
    int rows = model.getRowCount();
      if(rows>0)
      {
        for (int i=0;i<rows;i++)
        {
          model.removeRow(0);
        }
      }
      while(rs.next())
      {
      model.addRow(new Object[]
{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4),});
      }


    }
    catch(Exception a)
    {
      JOptionPane.showMessageDialog(this,a);
    }
  }

  private void
jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
 new welcome().setVisible(true);
 dispose();
  }

  private void
jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
      DefaultTableModel
model=(DefaultTableModel)JTStock.getModel();
```

```
            int rows = model.getRowCount();
            if(rows>0)
            {
                for (int i=0;i<rows;i++)
                {
                    model.removeRow(0);
                }
            }
            jComboBox1.setSelectedIndex(0);
```

CODE FOR RESET BUTTON

```
DefaultTableModel
model=(DefaultTableModel)JTStock.getModel();

            int rows = model.getRowCount();
            if(rows>0)
            {
                for (int i=0;i<rows;i++)
                {
                    model.removeRow(0);
                }
            }
            jComboBox1.setSelectedIndex(0);
```

CODE FOR BACK BUTTON

```
new welcome().setVisible(true);
  dispose();
```

# MYSQL

# CODES

```
create database market;

use market;

create table firm
(
firm_id int primary key,
firm_name varchar(40),
owners_name varchar(30) not null,
owners_mob_num varchar(15) not null,
owners_tel_num varchar(15),
email_id varchar(60),
address varchar(100) unique,
r_u_owner varchar(2),
sp_owners_name varchar(40),
sp_owners_mob_num varchar(13),
pass varchar(40)
);
desc firm;
insert into firm values("11111","nandini mobiles","sunil
agrawal","9427224107","9033351455","anshulagrawa107@gm
ail.com","75 abhishek mkt ringroad surat","y","sunil
agrawal","9427224107","usha");
insert into firm values("11112","shrey
mobs","shrey","9081315347","123455684","shreyagrawal93@g
mail.com","703 p aappt","y","shrey","9081315347","shreyan");

e


create table items
(
item_code int(4) primary key,
brand varchar(50),
serise varchar(30),
rate integer(10),
quantity integer(10)
);
insert into items values('1',"Samsung","J6 infinity","14999","91");
insert into items values('2',"Vivo","V5","18000","40");
insert into items values('3',"Oppo","A1k","4999","80");
insert into items values('4',"Mi","NOTE 6","20999","47");
insert into items values('5',"Samsung","J6 +","17999","55");
insert into items values('6',"One plus","6T","32000","71");
insert into items values('7',"Apple","Xs Max","142000","21");
insert into items values('8',"Samsung","Galaxy
Fold","100000","29");
insert into items values('9',"Apple","6s","32000","5");

create table bill
(
bill_no int(5),
DateOrder DATE,
CustomerName varchar(90),
mobile_no char(12),
mobilebrand varchar(90),
model varchar(30),
quantity int(3),
total_amt decimal(9,2)
);
```

# FURTHER UPGRADATIONS

⇒ Further I would like to make this project account wise like a person may have personal access to data and would have separate database.

⇒ I would also like to add reference button from where a retailer could get reference about any other retailer or a wholesaler can get a reference of retailer so that they could filter out whether they can sell their products to them or not.

⇒ Future to calculate tax, monthly income, profit, discount, turn over,debit,credit and many more features that could make this app user friendly may be added to this project.

⇒ By changing few contents we can use this to various places like malls, grocery shop etc. can be used.

⇒ Printing feature may be added to this project.