1.The following queries are executed in MySql:

```
1  create database cp;
2  use cp;
3  create table products(pno int primary key,pname varchar(20),stock int,price float,mrp int,dp float);
4  create table customer(cno int primary key,cname varchar(20),pin int);
5  create table orders(ono int primary key,cno int,pno int,pname varchar(20),qty int,price float,mrp float,tot float);
6  insert into products values(1,'pencil',100,4,5,20),(2,'pen',50,6,10,40),(3,'toy bat',25,150,300,50);
7  insert into customer values(1001,'one',12341),(1002,'two',12342);
8  insert into orders values(1,1001,1,'pencil',10,4,5,40),(2,1002,1,'pencil',10,4,5,40),(3,1001,3,'toy bat',2,150,300,300),
9                            (4,1001,2,'pen',10,6,10,60);
10
```

2.The tables products, customer and orders:

```
9  select * from products;
```

Result Grid | Filter Rows:

pno	pname	stock	price	mrp	dp
1	pencil	100	4	5	20
2	pen	50	6	10	40
3	toy bat	25	150	300	50
NULL	NULL	NULL	NULL	NULL	NULL

```
10 select * from customer;
```

Result Grid | Filter Rows:

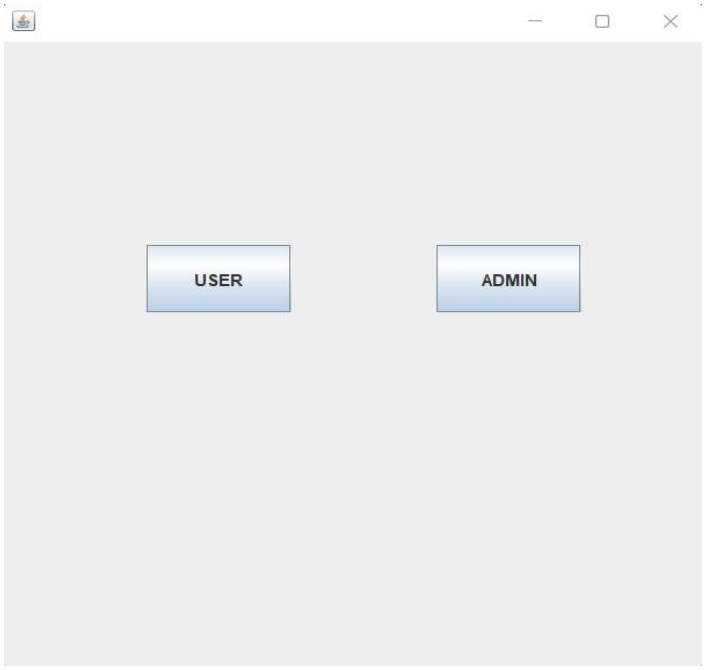
cno	cname	pin
1001	one	12341
1002	two	12342
NULL	NULL	NULL

```
11 select * from orders;
```

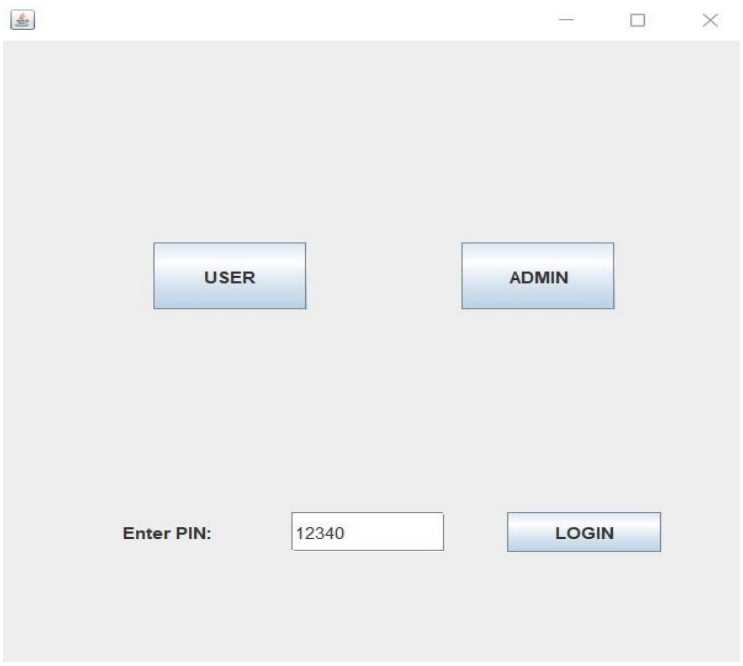
Result Grid | Filter Rows: | Edit:

ono	cno	pno	pname	qty	price	mrp	tot
1	1	1	pencil	10	4	5	40
2	2	1	pencil	10	4	5	40
3	1	3	toy bat	2	150	300	300
4	2	2	pen	10	6	10	60
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

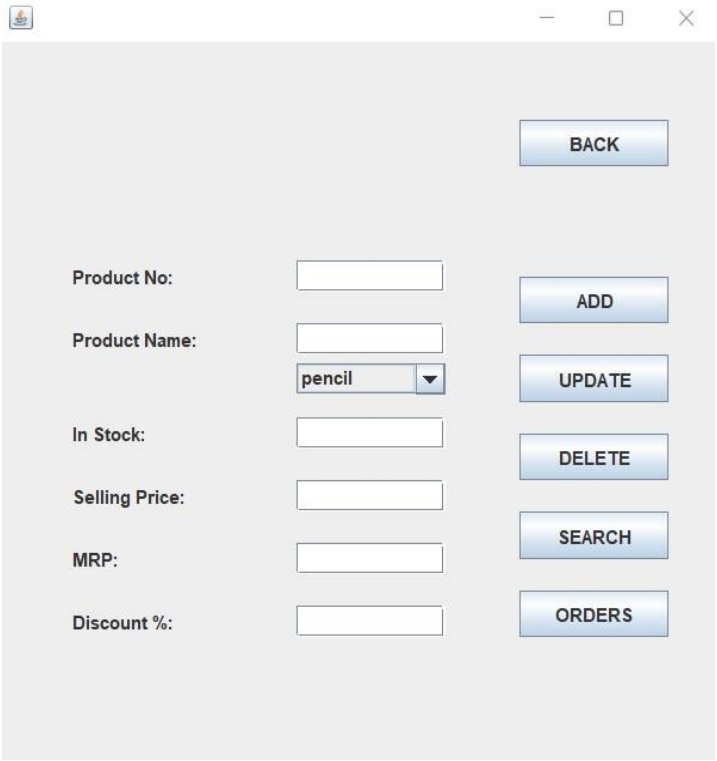
3. The home page of the user interface:



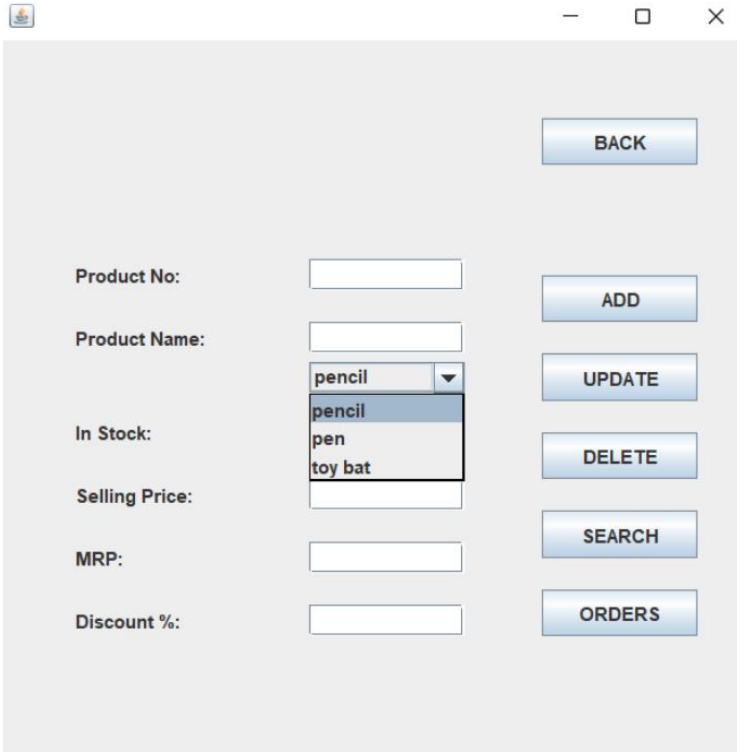
4. When admin is selected the admin pin is entered:



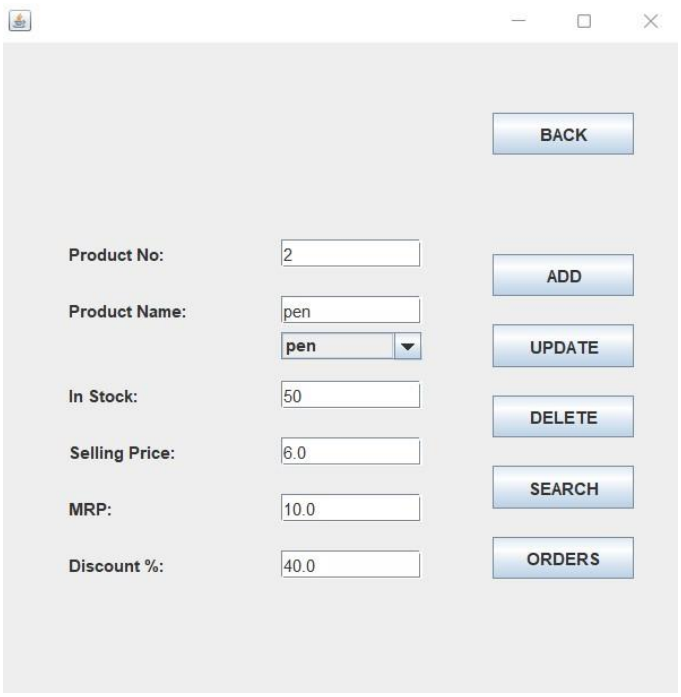
3. The admin page of the user interface:



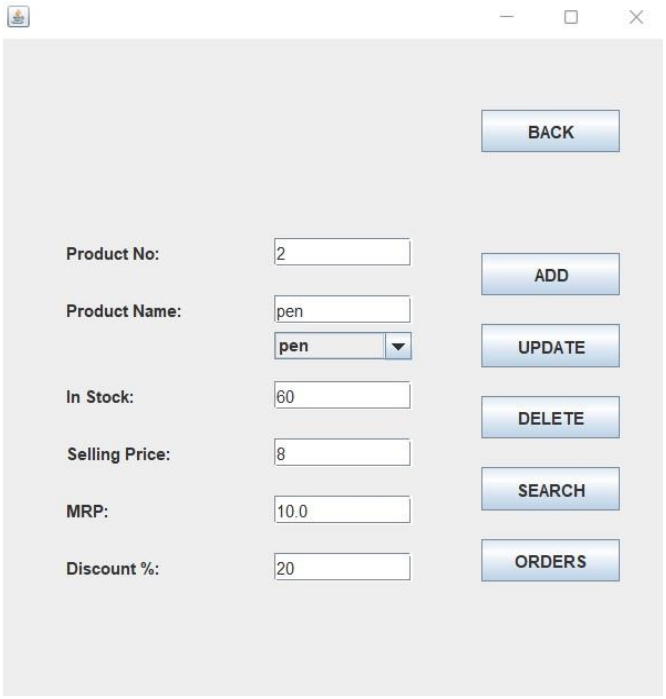
4. When drop down list is selected the products already added can be selected:



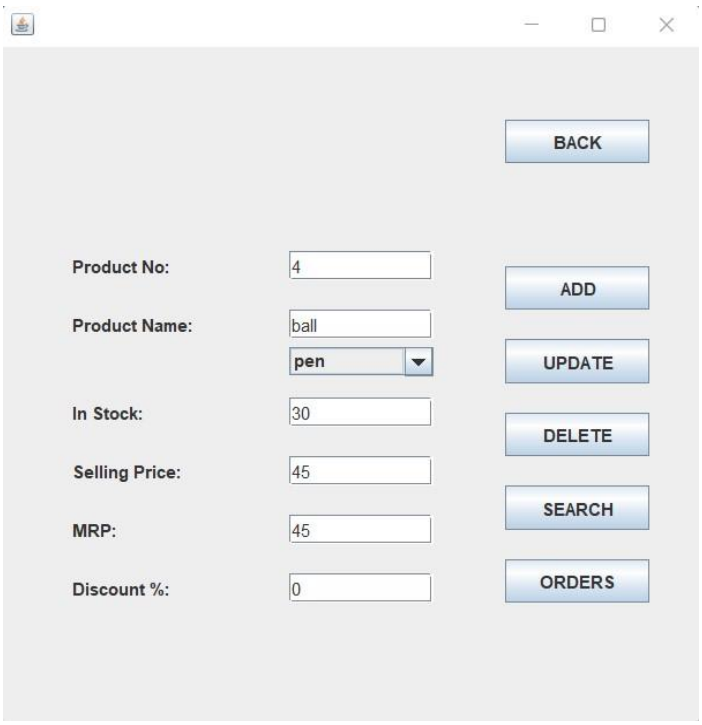
5. The product pen is selected:



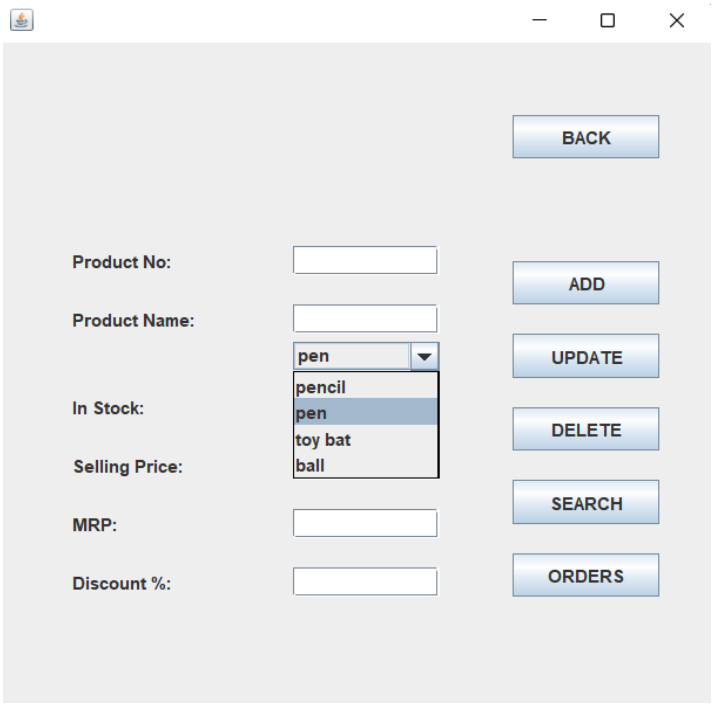
6. The details of the product can be updated by pressing The update button:



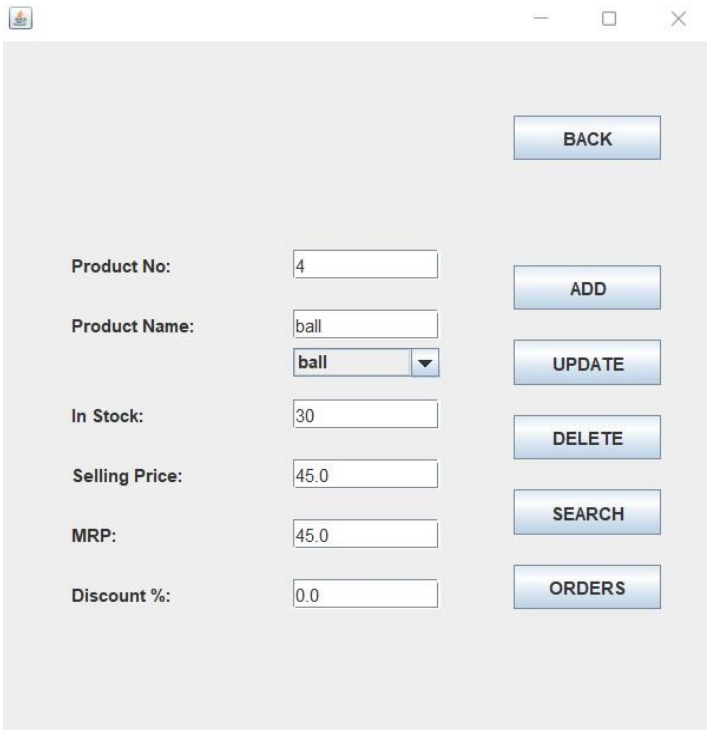
7. A new product ball is added using the add button:



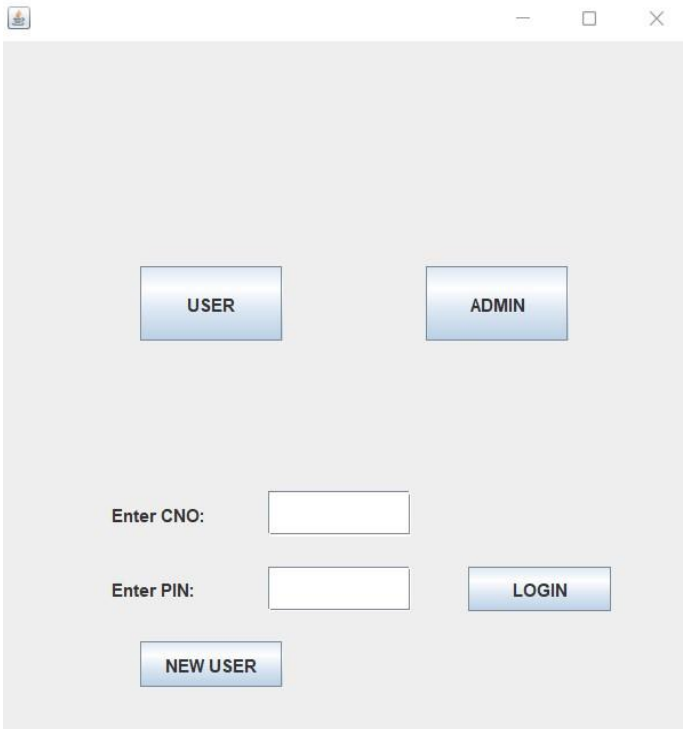
8. The list after adding the product ball:



9. The product ball is then deleted using the delete button:

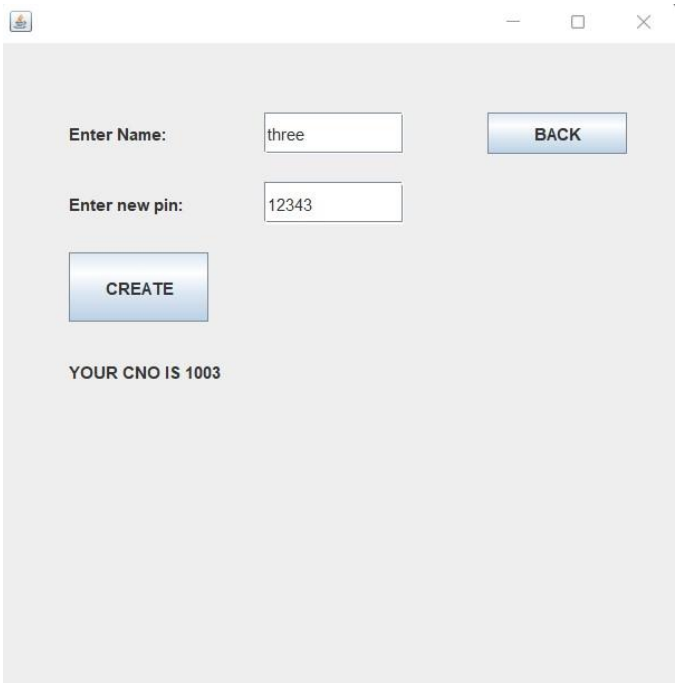


10. The back button is used to return to the home page:

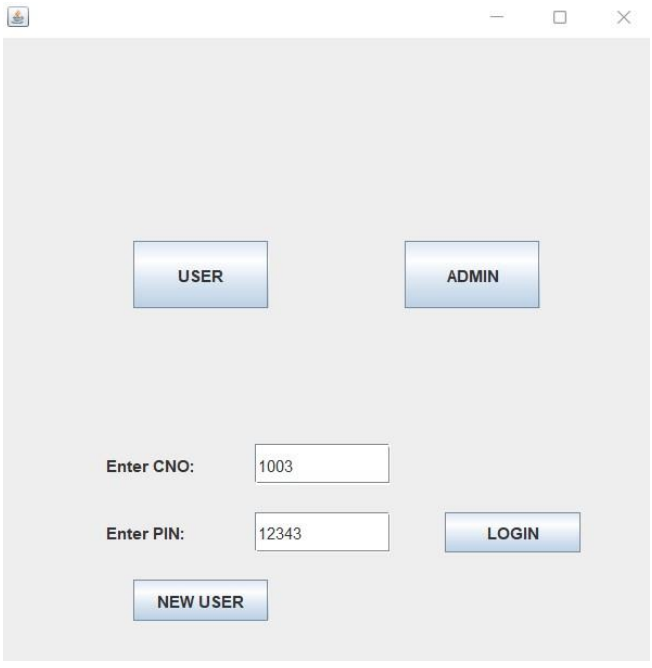


11. After entering new user a new customer detail

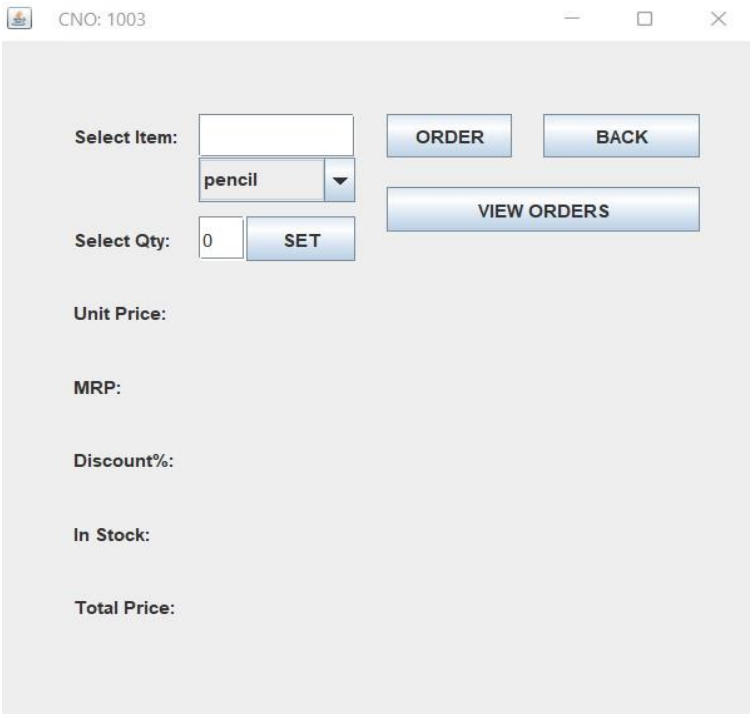
Is added and a new CNO is generated:



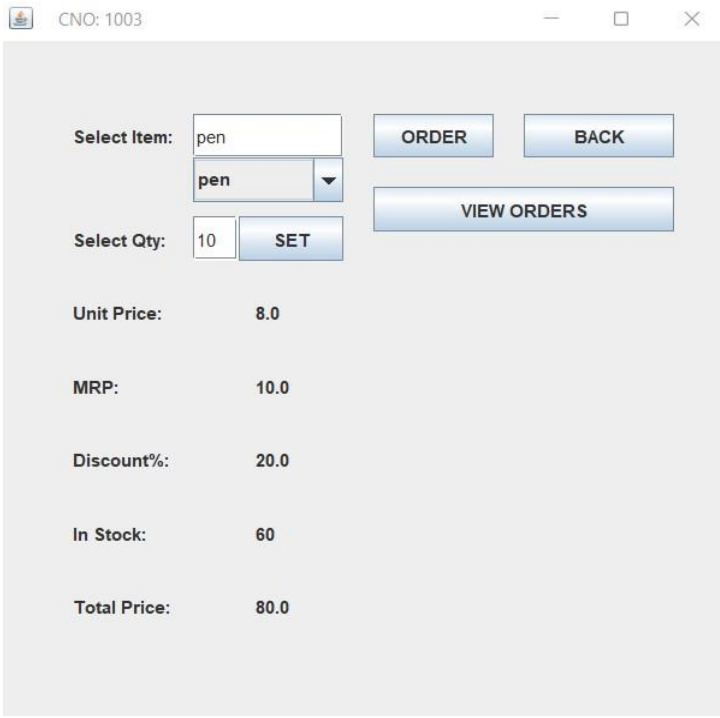
12. Login using the new customer credentials:



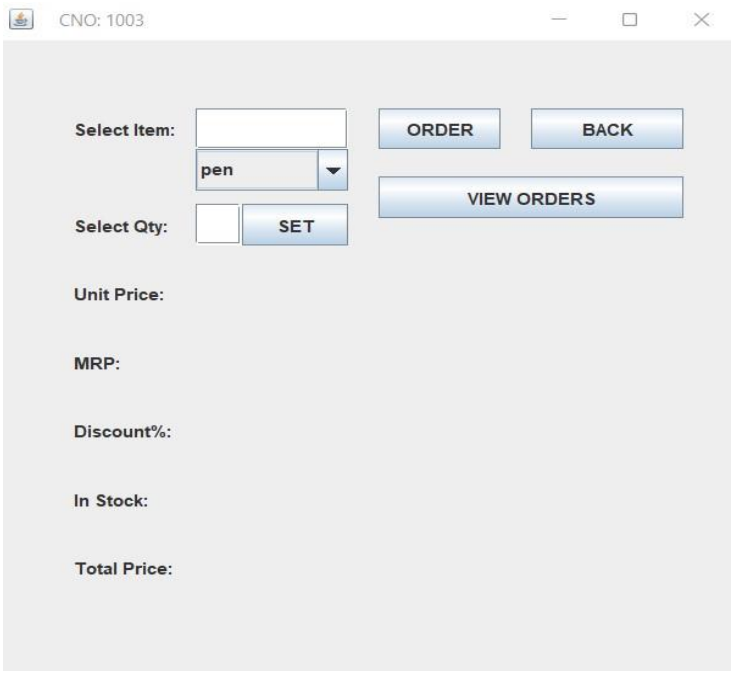
13. The user interface home page:



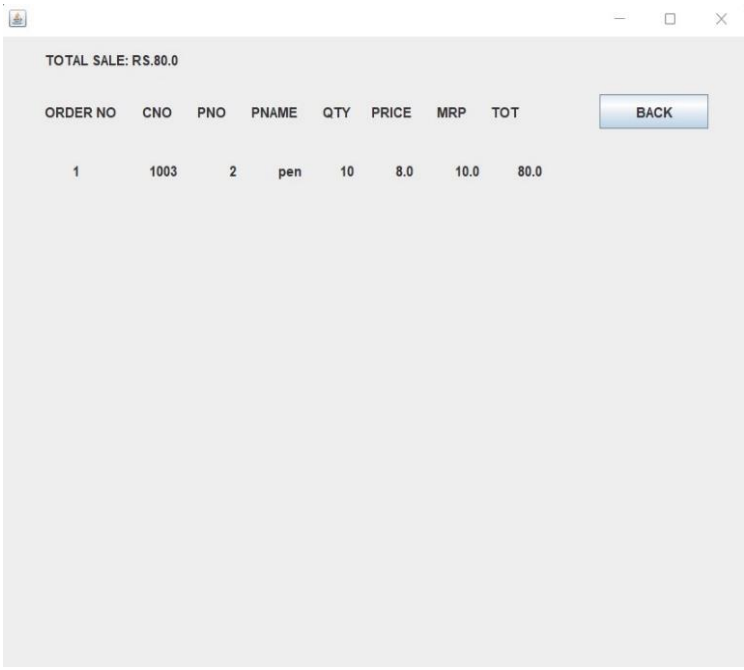
14. A new order is placed using order button:



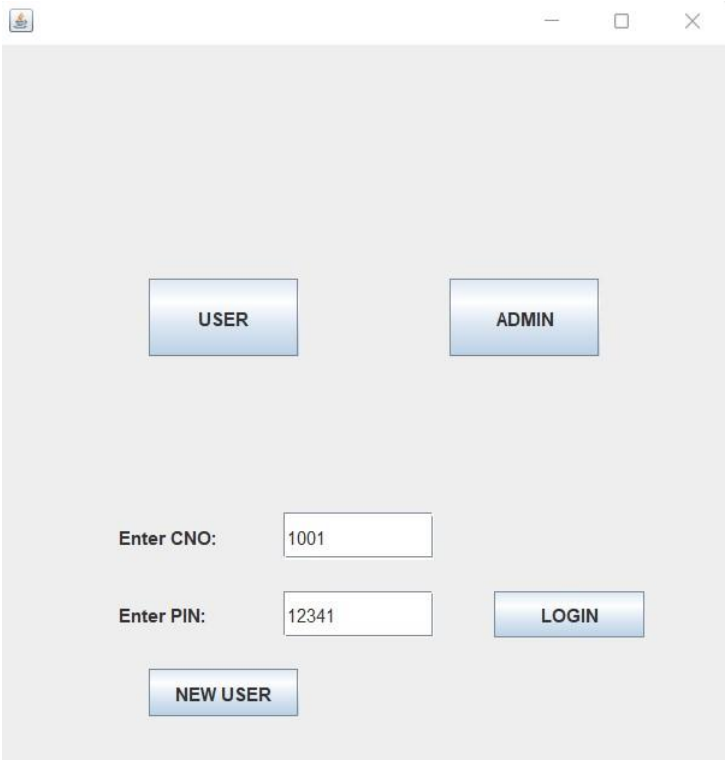
15. The fields become blank if order is successful the remaining quantities of orders are automatically updated



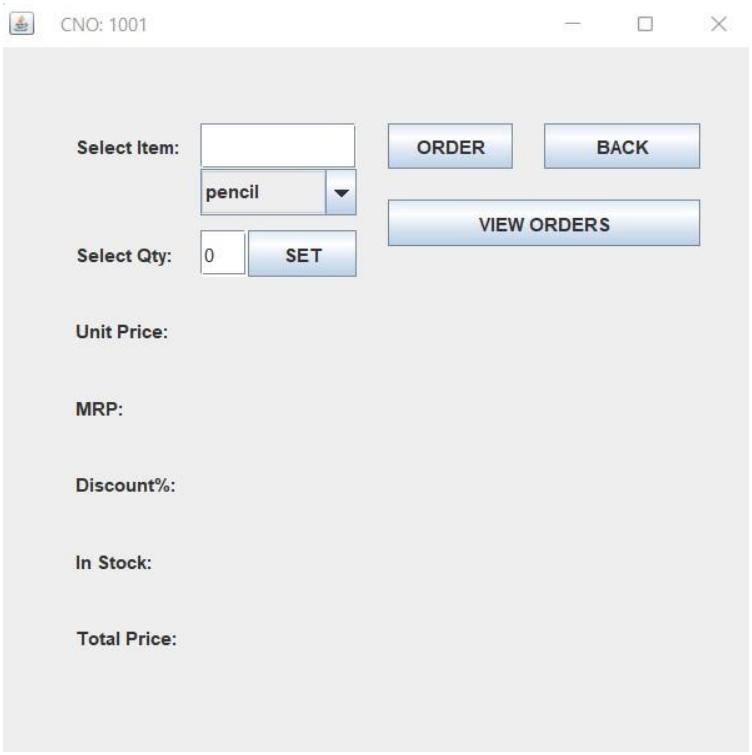
16.The view orders button is used to view the oreders placed by the user:



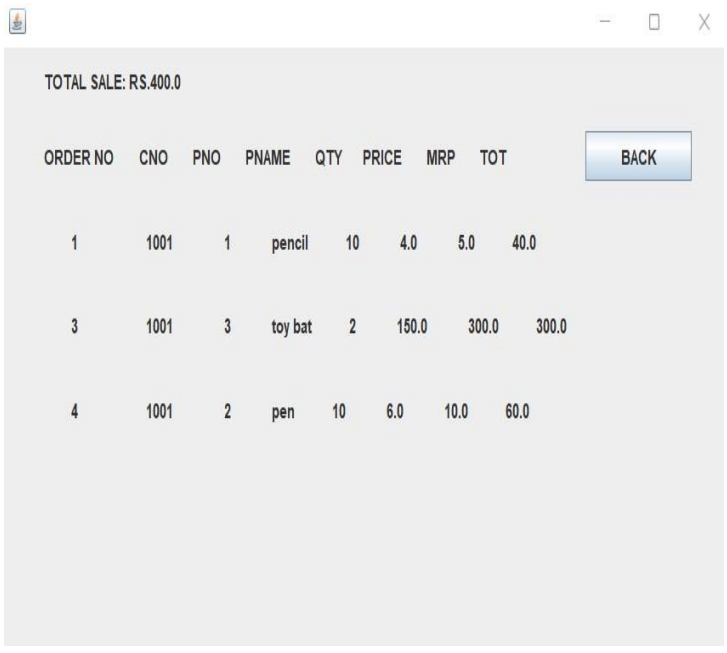
17. Login using existing customer login:



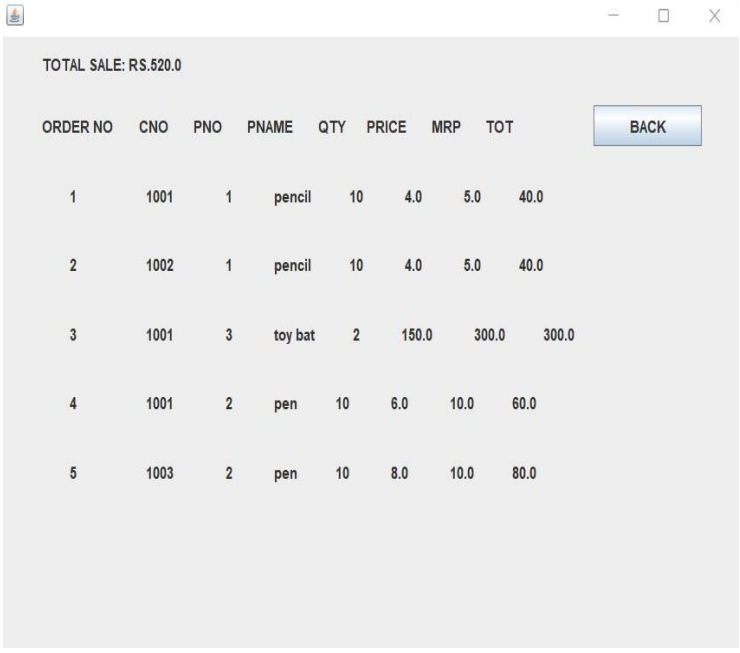
18. The order window of existing customer, the title of the window is set to the CNO of the customer:



19. The order of the customer with CNO 1001:



20. All the orders placed can be viewed using the view Orders button:



21.The tables after the above processes:

```
10 • select * from products;
```

Result Grid | Filter Rows:

pno	pname	stock	price	mrp	dp
1	pencil	100	4	5	20
2	pen	50	6	10	40
3	toy bat	25	150	300	50
NULL	NULL	NULL	NULL	NULL	NULL

```
10 • select * from products;
```

Result Grid | Filter Rows:

pno	pname	stock	price	mrp	dp
1	pencil	100	4	5	20
2	pen	50	8	10	20
3	toy bat	25	150	300	50
NULL	NULL	NULL	NULL	NULL	NULL

```
10 • select * from orders;
```

Result Grid | Filter Rows: | Edit:

ono	cno	pno	pname	qty	price	mrp	tot
1	1001	1	pencil	10	4	5	40
2	1002	1	pencil	10	4	5	40
3	1001	3	toy bat	2	150	300	300
4	1001	2	pen	10	6	10	60
5	1003	2	pen	10	8	10	80
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Code:

Class one for home page:

```
import java.io.*;
import java.util.*;
import java.sql.*;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class one implements ActionListener
{
  int x=0;
  connect o=new connect();
  JFrame f1=new JFrame();
  JLabel l1=new JLabel("Enter PIN:");
  JTextField t1=new JTextField();
  JLabel l2=new JLabel("Enter CNO:");
```

```
JTextField t2=new JTextField();
JButton b1=new JButton("USER");
JButton b2=new JButton("ADMIN");
JButton b3=new JButton("LOGIN");
JButton b4=new JButton("NEW USER");
one()
{
  b1.setBounds(100,150,100,50);
  b2.setBounds(300,150,100,50);
  l1.setBounds(80,350,100,30);
  t1.setBounds(190,350,100,30);
  l2.setBounds(80,300,100,30);
  t2.setBounds(190,300,100,30);
  b3.setBounds(330,350,100,30);
  b4.setBounds(100,400,100,30);
  f1.setSize(500,500);
  f1.setLayout(null);
  f1.add(b1); f1.add(b2);
  f1.add(l2); f1.add(t2); f1.add(b3); f1.add(b4);
  f1.add(l1); f1.add(t1);
  l2.setVisible(false); t2.setVisible(false);
  l1.setVisible(false); t1.setVisible(false);
  b3.setVisible(false); b4.setVisible(false);
  b1.addActionListener(this); b2.addActionListener(this);
  b3.addActionListener(this); b4.addActionListener(this);
  f1.setVisible(true);
}
public void actionPerformed(ActionEvent e)
{
  if(e.getSource()==b1)
  {
    l2.setVisible(true); t2.setVisible(true);
    l1.setVisible(true); t1.setVisible(true);
```

```
  b3.setVisible(true); b4.setVisible(true); x=1;
}
if(e.getSource()==b4)
{
  f1.setVisible(false);
  new usercreate();
}
if(e.getSource()==b2)
{
  l2.setVisible(false); t2.setVisible(false);
  l1.setVisible(true); t1.setVisible(true);
  b3.setVisible(true); b4.setVisible(false); x=2;
}
if(e.getSource()==b3)
{
  if(x==2)
  {
  if(t1.getText().equals("12340"))
  {
    t1.setText("Correct");
    l1.setVisible(false); t1.setVisible(false); b3.setVisible(false);
    f1.setVisible(false);
    new admin();
  }
  else
    t1.setText("Wrong");
  }
  if(x==1)
  {
  ResultSet rs=o.execute2("select pin from customer where cno="+t2.getText());
  String s="";
  try
  {
```

```
        while(rs.next())
          s=Integer.toString(rs.getInt("pin"));
        }catch(Exception x){ System.out.println(e);}
        if(t1.getText().equals(s))
        {
          f1.setVisible(false);
          new user(Integer.parseInt(t2.getText()));
        }
        else
          t1.setText("Wrong");
        }
     }
  }
  public static void main(String args[])
  {
     one obj=new one();

  }
}
```

Queries executed in the class:

Select pin from customer where cno='entered cno';

Class connect to connect to database and execute queries:

```
import java.io.*;
import java.util.*;
import java.sql.*;
public class connect
{
   Connection con;
   Statement stmt;
   connect()
   {
    try
    {
```

```
    Class.forName("com.mysql.jdbc.Driver");
    con=DriverManager.getConnection("jdbc:mysql://localhost:3306/cp","root","MyNewPass4#");
    stmt=con.createStatement();
    }
    catch(Exception e){ System.out.println(e);}
   }
   public void execute(String s)
   {
    try
    {
      stmt.executeUpdate(s);
     }
     catch(Exception e){ System.out.println(e);}
   }
   public ResultSet execute2(String s)
   {
      ResultSet rs=null;
      try
      {
        rs=stmt.executeQuery(s);
      }
      catch(Exception e){ System.out.println(e);}
      return rs;
   }
}
```

Queries executed in the class:

Select pin from customer where cno=entered cno in user login;

Class admin for admin page:

```
import java.io.*;
import java.awt.*;
import java.awt.event.*;
```

```
import java.sql.*;
import javax.swing.*;
public class admin extends JFrame implements ActionListener
{
  int i=0;
  connect o=new connect();
  JTextField t2=new JTextField();
  JTextField t3=new JTextField();
  JTextField t4=new JTextField();
  JTextField t5=new JTextField();
  JTextField t6=new JTextField();
  JTextField t7=new JTextField();
  JLabel l2=new JLabel("Product No:");
  JLabel l3=new JLabel("Product Name:");
  JLabel l4=new JLabel("In Stock:");
  JLabel l5=new JLabel("Selling Price:");
  JLabel l6=new JLabel("MRP:");
  JLabel l7=new JLabel("Discount %:");
  JButton b1=new JButton("ADD");
  JButton b3=new JButton("UPDATE");
  JButton b4=new JButton("DELETE");
  JButton b5=new JButton("SEARCH");
  JButton b7=new JButton("BACK");
  JButton b8=new JButton("ORDERS");
  JComboBox c1= new JComboBox();
  admin()
  {
    l2.setBounds(50,140,100,20);
    l3.setBounds(50,180,100,20);
    l4.setBounds(50,240,100,20);
    l5.setBounds(50,280,100,20);
    l6.setBounds(50,320,100,20);
    l7.setBounds(50,360,100,20);
```

```
  t2.setBounds(200,140,100,20);
  t3.setBounds(200,180,100,20);
  t4.setBounds(200,240,100,20);
  t5.setBounds(200,280,100,20);
  t6.setBounds(200,320,100,20);
  t7.setBounds(200,360,100,20);
  b1.setBounds(350,150,100,30);
  b3.setBounds(350,200,100,30);
  b4.setBounds(350,250,100,30);
  b5.setBounds(350,300,100,30);
  b7.setBounds(350,50,100,30);
  b8.setBounds(350,350,100,30);
  c1.setBounds(200,205,100,20);
  add(l2);add(l3);add(t2);add(t3);add(b1);add(b1); add(c1); add(b5); add(b8);
  add(l4);add(l5);add(l6);add(l7);add(t4);add(t5);add(t6);add(t7); add(b3);add(b4); add(b7);
  b1.addActionListener(this); b3.addActionListener(this); b4.addActionListener(this); b5.addActionListener(this);
  b7.addActionListener(this); b8.addActionListener(this);
  setLayout(null);
  setSize(500,500);
  setVisible(true);
  ResultSet rs=o.execute2("select pname from products");

  try
  {
    while(rs.next())
     c1.addItem(rs.getString("pname"));
  }catch(Exception e){ System.out.println(e);}
  c1.addActionListener(new ActionListener() {
 public void actionPerformed(ActionEvent e) {
t3.setText((String)((JComboBox)e.getSource()).getSelectedItem());}
   });
  }
 void listmake()
```

```
 {


 }
public void actionPerformed(ActionEvent e)
{
  if(e.getSource()==b5)
  {
    ResultSet rs=o.execute2("select * from products where pname='"+t3.getText()+"'");
    try
    {
    while(rs.next())
    {
    t2.setText(Integer.toString(rs.getInt("pno")));
    t4.setText(Integer.toString(rs.getInt("stock")));
    t5.setText(Float.toString(rs.getInt("price")));
    t6.setText(Float.toString(rs.getInt("mrp")));
    t7.setText(Float.toString(rs.getInt("dp")));
    }
    }catch(Exception x){ System.out.println(e);}
  }
  if(e.getSource()==b1)
  {
    String k="";
    k=t2.getText()+","+"'"+t3.getText()+"',"+t4.getText()+","+t5.getText()+","+t6.getText()+","+t7.getText();
    k="insert into products values("+k+ ")";
    o.execute(k);
    c1.addItem(t3.getText());
    t2.setText(""); t3.setText(""); t4.setText(""); t5.setText(""); t7.setText(""); t6.setText("");


  }
  if(e.getSource()==b7)
  {
     setVisible(false);
```

```
    new one();
}
if(e.getSource()==b8)
{
    setVisible(false);
    new view(1,0);
}
if(e.getSource()==b3)
{
   String k="update products set ";
   if(!t2.getText().equals(""))
   {
     if(!t4.getText().equals(""))
     {
       String s=k+"stock="+t4.getText()+" where pno="+t2.getText();
       o.execute(s);
     }
     if(!t5.getText().equals(""))
     {
       String s=k+"price="+t5.getText()+" where pno="+t2.getText();
       o.execute(s);
     }
     if(!t6.getText().equals(""))
     {
       String s=k+"mrp="+t6.getText()+" where pno="+t2.getText();
       o.execute(s);
     }
     if(!t7.getText().equals(""))
     {
       String s=k+"dp="+t7.getText()+" where pno="+t2.getText();
       o.execute(s);
     }
   }
```

```
  if(!t3.getText().equals(""))
  {
    if(!t4.getText().equals(""))
    {
      String s=k+"stock="+t4.getText()+" where pname='"+t3.getText()+"'";
      o.execute(s);
    }
    if(!t5.getText().equals(""))
    {
      String s=k+"price="+t5.getText()+" where pname='"+t3.getText()+"'";
      o.execute(s);
    }
    if(!t6.getText().equals(""))
    {
      String s=k+"mrp="+t6.getText()+" where pname='"+t3.getText()+"'";
      o.execute(s);
    }
    if(!t7.getText().equals(""))
    {
      String s=k+"dp="+t7.getText()+" where pname='"+t3.getText()+"'";
      o.execute(s);
    }
  }
  t2.setText(""); t3.setText(""); t4.setText(""); t5.setText(""); t7.setText(""); t6.setText("");
}
if(e.getSource()==b4)
{
  String k="delete from products where ";
  if(!t2.getText().equals(""))
    k=k+" pno="+t2.getText();
  else
  if(!t3.getText().equals(""))
    k=k+" pname='"+t3.getText()+"'";
```

```
      o.execute(k);
      t2.setText(""); t3.setText(""); t4.setText(""); t5.setText(""); t7.setText(""); t6.setText("");
    }
  }

}
```

Queries executed in the class:

Select pname from products;

Select * from products where pno=’entered pno’ or pname=’entered pname’;

Insert into products values(entered product no,’entered product name’,entered stock,entered selling price, entered mrp, entered discount percentage);

Update products set stock=entered stock where pno=’entered pno’ or pname=’entered pname’;

Update products set price=entered selling price where pno=’entered pno’ or pname=’entered pname’;

Update products set mrp=entered mrp where pno=’entered pno’ or pname=’entered pname’;

Update products set dp=entered discount percentage where pno=’entered pno’ or pname=’entered pname’;

Delete from products where pno=’entered pno’ or pname=’entered pname’;

Class usercreate to add new customer:

```
import java.io.*;
import java.util.*;
import java.sql.*;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class usercreate implements ActionListener
{
  int x=0;
  connect o=new connect();
  JFrame f1=new JFrame();
  JLabel l1=new JLabel("Enter Name:");
  JTextField t1=new JTextField();
  JLabel l2=new JLabel("Enter new pin:");
  JTextField t2=new JTextField();
```

```
JLabel l3=new JLabel("");
JButton b1=new JButton("CREATE");
JButton b7=new JButton("BACK");
usercreate()
{
  b1.setBounds(50,150,100,50);
  l1.setBounds(50,50,100,30);
  t1.setBounds(190,50,100,30);
  l2.setBounds(50,100,100,30);
  t2.setBounds(190,100,100,30);
  l2.setBounds(50,100,100,30);
  l3.setBounds(50,220,150,30);
 b7.setBounds(350,50,100,30);

  f1.setSize(500,500);
  f1.setLayout(null);
  f1.add(b1);
  f1.add(l2); f1.add(t2);
  f1.add(l1); f1.add(t1); f1.add(l3); f1.add(b7);
  b1.addActionListener(this); b7.addActionListener(this);
  f1.setVisible(true);
}
public void actionPerformed(ActionEvent e)
{
   if(e.getSource()==b7)
 {
    f1.setVisible(false);
    new one();
 }
  if(e.getSource()==b1)
  {
     String k="";
     int cno=0;
```

```
        ResultSet rs=o.execute2("select max(cno) from customer");
        try
        {
          while(rs.next())
          {
            cno=rs.getInt("max(cno)")+1;
            System.out.println(cno);
          }
         }catch(Exception x){ System.out.println(e);}
        k=Integer.toString(cno)+",'"+t1.getText()+"',"+t2.getText();
        k="insert into customer values("+k+ ")";
        o.execute(k);
        l3.setText("YOUR CNO IS "+Integer.toString(cno));
      }

   }
   public static void main(String args[])
   {
     usercreate obj=new usercreate();

   }
}
```

Queries executed in the class:

select max(cno) from customer;

Insert into customer values(cno generated,'entered name',entered pin);

Class user for user window:

```
import java.io.*;
import java.util.*;
import java.sql.*;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
```

```
public class user implements ActionListener
{
  int no;
  connect o=new connect();
  JFrame f1=new JFrame();
  JLabel l1=new JLabel("Select Item:");
  JTextField t1=new JTextField();
  JLabel l2=new JLabel("Select Qty:");
  JTextField t2=new JTextField("0");
  JLabel l3=new JLabel("Unit Price:");
  JLabel l4=new JLabel("");
  JLabel l5=new JLabel("MRP:");
  JLabel l6=new JLabel("");
  JLabel l7=new JLabel("Discount%:");
  JLabel l8=new JLabel("");
  JLabel l9=new JLabel("In Stock:");
  JLabel l10=new JLabel("");
  JLabel l11=new JLabel("Total Price:");
  JLabel l12=new JLabel("");
  JComboBox c1= new JComboBox();
  JButton b1=new JButton("SET");
  JButton b2=new JButton("ORDER");
  JButton b7=new JButton("BACK");
  JButton b8=new JButton("VIEW ORDERS");
  user(int n)
  {
    no=n;
    l1.setBounds(50,50,80,30);
    t1.setBounds(130,50,100,30);
    l2.setBounds(50,120,80,30);
    t2.setBounds(130,120,30,30);
    b1.setBounds(160,120,70,30);
    b2.setBounds(250,50,80,30);
```

```
c1.setBounds(130,80,100,30);
l3.setBounds(50,170,80,30);
l4.setBounds(130,170,80,30);
l5.setBounds(50,220,80,30);
l6.setBounds(130,220,80,30);
l7.setBounds(50,270,80,30);
l8.setBounds(130,270,80,30);
l9.setBounds(50,320,80,30);
l10.setBounds(130,320,80,30);
l11.setBounds(50,370,80,30);
l12.setBounds(130,370,80,30);
    b7.setBounds(350,50,100,30);
b8.setBounds(250,100,200,30);
f1.setSize(500,500);
 f1.setLayout(null);
 f1.add(b7);
 f1.add(l1); f1.add(t1); f1.add(c1); f1.add(b1); f1.add(b2); f1.add(b8);
 f1.add(l2); f1.add(t2); f1.add(l3); f1.add(l4); f1.add(l5); f1.add(l6); f1.add(l7); f1.add(l8);
 f1.add(l9); f1.add(l10); f1.add(l11); f1.add(l12);
 f1.setVisible(true);
 f1.setTitle("    CNO: "+Integer.toString(no));
 b1.addActionListener(this);     b2.addActionListener(this);
 b7.addActionListener(this);      b8.addActionListener(this);

ResultSet rs=o.execute2("select pname from products");

try
{
  while(rs.next())
   c1.addItem(rs.getString("pname"));
}catch(Exception e){ System.out.println(e);}
c1.addActionListener(new ActionListener() {
public void actionPerformed(ActionEvent e) {
```

```
t1.setText((String)((JComboBox)e.getSource()).getSelectedItem());
 ResultSet rs1=o.execute2("select price from products where pname='"+t1.getText()+"'");
 float price=0;
 try
  {
    while(rs1.next())
     price=rs1.getFloat("price");
  }catch(Exception t){ System.out.println(t);}
  l4.setText("           "+Float.toString(price));

  ResultSet rs2=o.execute2("select mrp from products where pname='"+t1.getText()+"'");
 float mrp=0;
 try
  {
    while(rs2.next())
     mrp=rs2.getFloat("mrp");
  }catch(Exception t){ System.out.println(t);}
  l6.setText("           "+Float.toString(mrp));

 ResultSet rs3=o.execute2("select dp from products where pname='"+t1.getText()+"'");
 float dp=0;
 try
  {
    while(rs3.next())
     dp=rs3.getFloat("dp");
  }catch(Exception t){ System.out.println(t);}
  l8.setText("           "+Float.toString(dp));
  ResultSet rs4=o.execute2("select stock from products where pname='"+t1.getText()+"'");
 int stock=0;
 try
  {
    while(rs4.next())
     stock=rs4.getInt("stock");
```

```
 }catch(Exception t){ System.out.println(t);}
 l10.setText("            "+Integer.toString(stock));
}
  });
}
public void actionPerformed(ActionEvent e)
{
   if(e.getSource()==b7)
{
    f1.setVisible(false);
    new one();
}
if(e.getSource()==b8)
{
    f1.setVisible(false);
    new view(2,no);
}
   if(e.getSource()==b1)
   {
      l12.setText("            "+Float.toString(Float.parseFloat(l4.getText())*(float)Integer.parseInt(t2.getText())));
   }
   if(e.getSource()==b2)
   {
      String k="insert into orders values(";
      int on=1;
      ResultSet rs=o.execute2("select max(ono) from orders");
      try
      {
        while(rs.next())
         on=rs.getInt("max(ono)")+1;
      }catch(Exception t){ System.out.println(e);}
      k=k+Integer.toString(on)+","+Integer.toString(no);
      int pn=1;
```

```
        ResultSet rs1=o.execute2("select pno from products where pname='"+t1.getText()+"'");
        try
        {
          while(rs1.next())
           pn=rs1.getInt("pno");
        }catch(Exception t){ System.out.println(e);}

k=k+","+Integer.toString(pn)+",'"+t1.getText().trim()+"','"+t2.getText().trim()+","+l4.getText().trim()+","+l6.getText().trim()+","+l12.getText().trim()+")";
        if(Integer.parseInt(l10.getText().trim())>0&&Integer.parseInt(t2.getText().trim())>0)
        {
        o.execute(k);
        int curr=Integer.parseInt(l10.getText().trim())-Integer.parseInt(t2.getText().trim());
        k="update products set stock="+Integer.toString(curr)+" where pname='"+t1.getText().trim()+"'";
        System.out.println(k);
        o.execute(k);
        t1.setText(""); t2.setText("");
        l4.setText(""); l6.setText("");
        l8.setText(""); l10.setText("");
        l12.setText("");
       }
     }
  }
  public static void main(String args[])
  {
     new user(5);
  }
}
```

Queries executed in the class:

Select max(ono) from order;

Select * from products where pname='selected pname';

Insert into orders values(max(ono),pno,pname,entered quantity,price,mrp,total price);

Class view to view orders:

```
import java.io.*;
import java.util.*;
import java.sql.*;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class view implements ActionListener
{
  int n=0,t=0,cn;
  connect o=new connect();
  JFrame f1=new JFrame();
  JLabel l=new JLabel("TOTAL SALE: RS.");
  JLabel l1=new JLabel("ORDER NO");
  JLabel l2=new JLabel("CNO");
  JLabel l3=new JLabel("PNO");
  JLabel l4=new JLabel("PNAME");
  JLabel l5=new JLabel("QTY");
  JLabel l6=new JLabel("PRICE");
  JLabel l7=new JLabel("MRP");
  JLabel l8=new JLabel("TOT");
  JLabel or[]=new JLabel[20];
  String s[]=new String[100];
    JButton b7=new JButton("BACK");

  view(int k,int c)
  {
    n=k; cn=c;;
    l1.setBounds(40,50,80,30);
    l2.setBounds(130,50,50,30);
    l3.setBounds(180,50,50,30);
    l4.setBounds(230,50,50,30);
    l5.setBounds(295,50,50,30);
```

```
l6.setBounds(340,50,50,30);
l7.setBounds(400,50,50,30);
l8.setBounds(450,50,50,30);
    b7.setBounds(550,50,100,30);
l.setBounds(40,5,200,30);
f1.setSize(700,1000);
f1.setLayout(null);
 f1.add(l1); f1.add(l2); f1.add(l4); f1.add(l3); f1.add(l5); f1.add(l);
 f1.add(l8); f1.add(l7); f1.add(l6); f1.add(b7);
 f1.setVisible(true); b7.addActionListener(this);

ResultSet rs=null;
if(n==1)
  rs=o.execute2("select count(ono) from orders");
if(n==2)
  rs=o.execute2("select count(ono) from orders where cno="+Integer.toString(cn));
  try
  {
  while(rs.next())

   t=rs.getInt("count(ono)");

  }catch(Exception e){ System.out.println(e);}
  if(t!=0)
  {
    for(int i=0;i<8;i++)
    {
       or[i]=new JLabel("");
       or[i].setBounds(50,50*(i+2),500,30);
       f1.add(or[i]);
    }
  }
  ResultSet rs2=null;
```

```
if(n==1)
rs2=o.execute2("select sum(tot) from orders");
if(n==2)
rs2=o.execute2("select sum(tot) from orders where cno="+Integer.toString(cn));
try
{
while(rs2.next())

 l.setText(l.getText()+Float.toString(rs2.getFloat("sum(tot)")));

}catch(Exception e){ System.out.println(e);}
if(n!=0)
{
  for(int i=0;i<8;i++)
  {
     or[i]=new JLabel("");
     or[i].setBounds(50,50*(i+2),500,30);
     f1.add(or[i]);
  }
}
ResultSet rs1=null;
if(n==1)
rs1=o.execute2("select * from orders");
if(n==2)
rs1=o.execute2("select * from orders where cno="+Integer.toString(cn));
int i=0;
for(int j=0;j<100;j++)
  s[j]="";

try
{
while(rs1.next()&&i<20)
{
```

```
        s[i]=s[i]+"     "+Integer.toString(rs1.getInt("ono"));
        s[i]=s[i]+"                "+Integer.toString(rs1.getInt("cno"));
        s[i]=s[i]+"             "+Integer.toString(rs1.getInt("pno"));
        s[i]=s[i]+"          "+rs1.getString("pname");
        s[i]=s[i]+"         "+Integer.toString(rs1.getInt("qty"));
        s[i]=s[i]+"          "+Float.toString(rs1.getFloat("price"));
        s[i]=s[i]+"          "+Float.toString(rs1.getFloat("mrp"));
        s[i]=s[i]+"         "+Float.toString(rs1.getFloat("tot"));
        or[i].setText(s[i]);
        i++;
      }
      }catch(Exception e){ System.out.println(e);}

  }
  public void actionPerformed(ActionEvent e)
  {
     if(e.getSource()==b7)
   {
      f1.setVisible(false);
      if(n==1)
      new admin();
      if(n==2)
      new user(cn);
   }
  }
}
```

Queries executed in the class:

Select * from orders;

Select * from orders where cno=passed cno in the class;