****

**Prepared By**

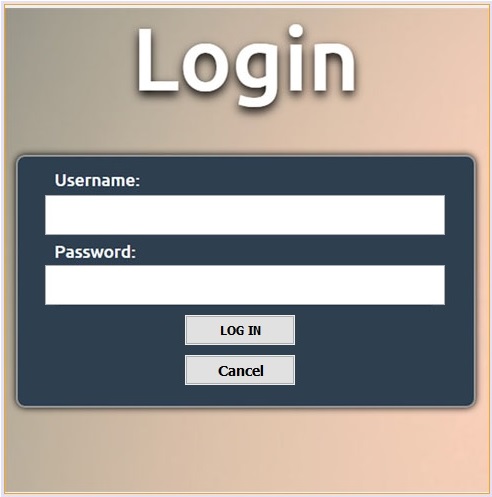
**Parshwa Morbia**

**XII Commerce**

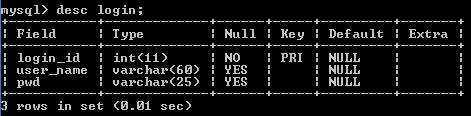
**Login Form:**

This form will match the user name and password with the values in the login table. If user name and password match with the values in the login table then the login form will be closed and the master form, i.e. frmMDI gets opened. If the user name and password do not match with the values in the login table, then a message dialog box pops up, informing that the user name and password do not match.

If the close button is clicked, then the form gets closed.



**Login Table:**

The user name and password are saved here. If the user name and password values entered by the user match with any of the record currently saved in the table then the login form allows the access to the master form i.e. frmMDI form. The password or user name can be updated by database administrator.

**Main form:**

The master form is a form through which we can access our entire software program. This form has two menu options. The first menu option, i.e.**Master**contains all the master forms and the second menu option, i.e.**Search** has all the search form which relates with the respective master form. If any menu item from master or search menu option is clicked then that particular form gets opened.



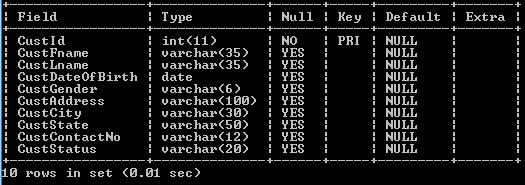
**Customer Details:-**

This master form takes the input of group name. Every group has a uniqueid which is auto-generated and is assigned as a primary key.

We can easily navigate to first, next, last or previous record by clicking on the respective buttons



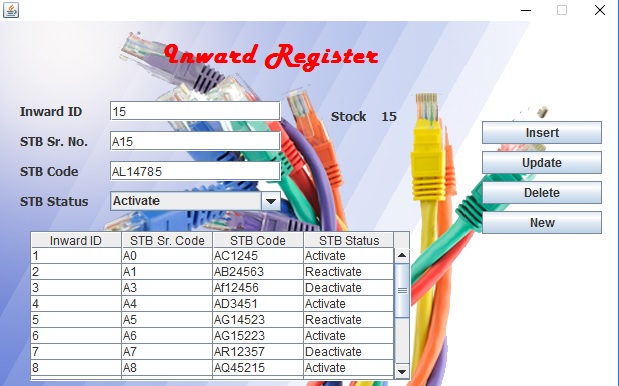
**Customer Details Table:**

All the values entered with the help of group master form are saved here and any manipulation like deleting or updating value will change the value in this table.

**Inward Register:**

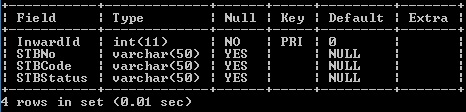
This master form takes the input of setup box details. Every group has a unique id which is auto-generated and is assigned as a primary key.

We can easily insert, update and delete records by clicking on the respective buttons. We can also load the data in the table.



**Inward Register Table:**

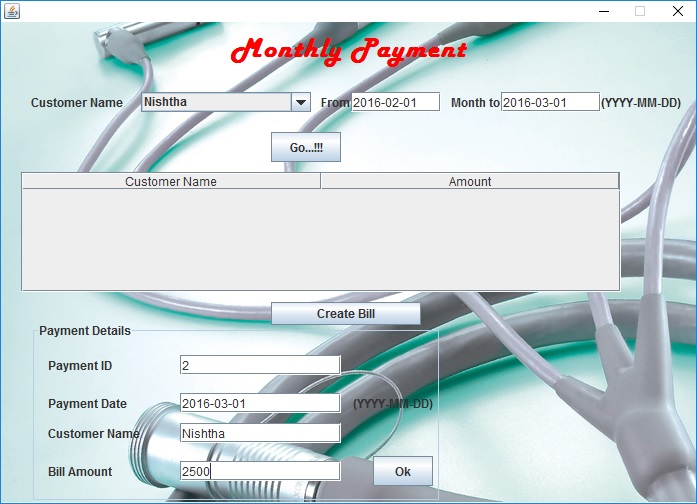
All the values entered in inward register are saved here and any manipulation like deleting or updating value will change the value in the table here.



**Payment:**

This master form takes the input of nature type .Every nature has a unique id which is auto-generated.

From this we can see the customer details about payment and we generate their bills respectively.

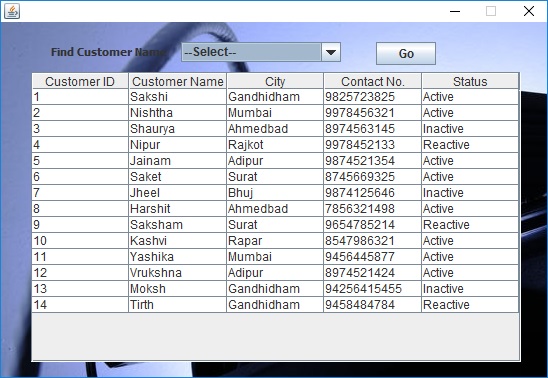


**Payment Table:**

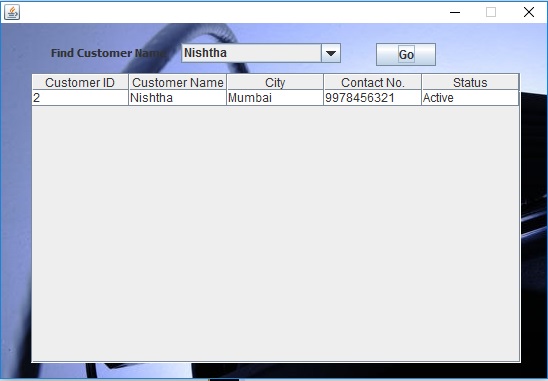
All the values entered are saved here and any manipulation and bill creation is done here and will change the value in the table here.



**Find Customer :**

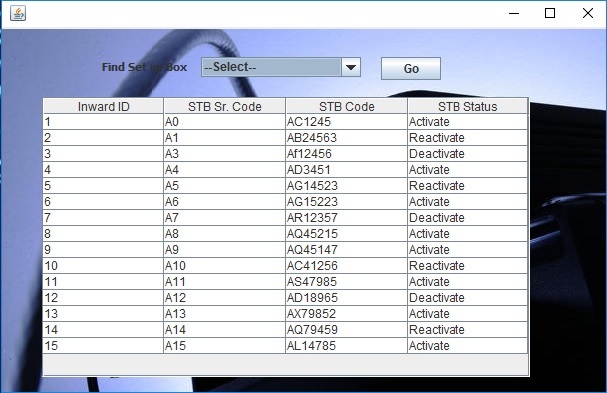
****Initially on opening this form the details of all the Customers will be loaded in the table control.

But if we want to view details of a particular customers, we can do so by selecting his/her name from the combo box control and clicking go button.

****

**Find Setup Box:**

Initially on opening this form the details of all the activities will be loaded in the table control. But if we want to view details of a particular activity, we can do so by selecting particular activity name from the combo box control and clicking go button.



***Sample Coding***

***Login Form***

***Generated Code:-***

**Connection con=null;**

**Statement stmnt=null;**

**ResultSet rs=null;**

**String dr="java.sql.Driver";**

**String usr="root";**

**String pass="123456";**

**String url="jdbc:mysql://localhost:3306/coms";**

**String qry="";**

**int rec\_count=0;**

***BUTTON LOGIN:-***

**try{Class.forName(dr);**

**con= DriverManager.getConnection(url,usr,pass);**

**String pass =new String(txt\_pwd.getPassword());**

**qry="select \* from login where user\_name= '"+txt\_user\_name.getText()+"'&&pwd='"+pass+"'";**

**stmnt=con.createStatement();**

**rs= stmnt.executeQuery(qry);**

**while(rs.next()){**

**rec\_count++;}**

**if(rec\_count>0){**

**newfrmMDI().setVisible(true);**

**this.dispose();}**

**else{JOptionPane.showMessageDialog(rootPane, "Invalid user Name or password");}}**

**catch(Exception e){**

**JOptionPane.showMessageDialog(rootPane, "Invalid user Name or password"+e);**

***BUTTON CANCEL:-***

**System.exit(0);**

***Form Customer Details:-***

***Generated Code:-***

**Connection con=null;**

**Statement stmnt=null;**

**ResultSetrs=null;**

**String dr="java.sql.Driver";**

**String usr="root";**

**String pass="123456";**

**String url="jdbc:mysql://localhost:3306/coms";**

**String qry="";**

**String gender="";**

**int id=0;**

**String fname="";**

**String lname="";**

**String dob="";**

**String address="";**

**String city="";**

**String contact="";**

***BUTTON NEW:-***

**txt\_id.setText();**

**txt\_fname.setText();**

**txt\_lname.setText();**

**txt\_dob.setText();**

**buttonGroup1.setSelected(false)**

**tarea\_address.setText();**

**txt\_city.setText();**

**cmb\_state.setSelectedItem(false);**

**txt\_contactsetText();**

**cmb\_status.setSelectedItem(false);**

***FORM WINDOWS OPENED:-***

**try{this.setBounds(350, 50,610, 652);**

**Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry="select \* from CustDetails";**

**stmnt=con.createStatement();**

**rs=stmnt.executeQuery(qry);**

**while(rs.next()){**

**id=rs.getInt("CustId");**

**fname=rs.getString("CustFname");**

**lname=rs.getString("CustLname");**

**dob=rs.getString("CustDateOfBirth");**

**gender=rs.getString("Custgender");**

**address=rs.getString("CustAddress");**

**city=rs.getString("CustCity");**

**cmb\_state.setSelectedItem(rs.getString("CustState"));**

**contact=rs.getString("CustContactNo");**

**cmb\_status.setSelectedItem(rs.getString("CustStatus"));}**

**txt\_id.setText(id+"");**

**txt\_fname.setText(fname);**

**txt\_lname.setText(lname);**

**txt\_dob.setText(dob);**

**if(gender.equalsIgnoreCase("male"))**

**rdb\_male.setSelected(true);**

**else**

**rdb\_female.setSelected(true);**

**tarea\_address.setText(address);**

**txt\_city.setText(city);**

**cmb\_state.setSelectedItem(true);**

**txt\_contact.setText(contact);**

**cmb\_status.setSelectedItem(true);}**

**catch(Exception e){**

**JOptionPane.showMessageDialog(rootPane, "Sorry!! cannot display!!"+e);}**

***BUTTON INSERT:-***

**try{if (rdb\_male.isSelected())**

**gender="male";**

**else**

**gender="female";**

**Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry="insert into CustDetails values("+txt\_id.getText()+", '"+txt\_fname.getText()+"','"+txt\_lname.getText()+"','"+txt\_dob.getText()+"','"+gender+"','"+tarea\_address.getText()+"','"+txt\_city.getText()+"', '"+cmb\_state.getSelectedItem()+"' , '"+txt\_contact.getText()+"', '"+cmb\_status.getSelectedItem()+"')";**

**stmnt=con.createStatement();**

**stmnt.executeUpdate(qry);**

**JOptionPane.showMessageDialog(rootPane, "Records Saved");}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane, "Records Cannot be Saved"+e);}**

***BUTTON UPDATE:-***

**try{Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry="update CustDetails set CustFname='"+txt\_fname.getText()+"',Custlname='"+txt\_lname.getText()+"',CustDateOfBirth='"+txt\_dob.getText()+"',CustGender='"+gender+"',CustAddress='"+tarea\_address.getText()+"',CustCity='"+txt\_city.getText()+"', CustState='"+cmb\_state.getSelectedItem()+"' ,CustContactNo= '"+txt\_contact.getText()+"',CustStatus= '"+cmb\_status.getSelectedItem()+"' where CustId= "+txt\_id.getText() ;**

**stmnt=con.createStatement();**

**stmnt.executeUpdate(qry);**

**JOptionPane.showMessageDialog(rootPane, "RecordsUpdated");}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane, "Records Cannot be Updated"+e);}**

***BUTTON DELETE:-***

**try{Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry="delete from CustDetails where CustId= "+ txt\_id.getText();**

**stmnt=con.createStatement();**

**stmnt.executeUpdate(qry);**

**JOptionPane.showMessageDialog(rootPane, "Records Deleted");}**

**catch(Exception e){ JOptionPane.showMessageDialog(rootPane, "Records Cannot be Deleted");}**

***BUTTON FIRST:-***

**try{rs.first();**

**id=rs.getInt("CustId");**

**fname=rs.getString("CustFname");**

**lname=rs.getString("CustLname");**

**dob=rs.getString("CustDateOfBirth");**

**gender=rs.getString("Custgender");**

**address=rs.getString("CustAddress");**

**city=rs.getString("CustCity");**

**cmb\_state.setSelectedItem(rs.getString("CustState"));**

**contact=rs.getString("CustContactNo");**

**cmb\_status.setSelectedItem(rs.getString("CustStatus"));**

**txt\_id.setText(id+"");**

**txt\_fname.setText(fname);**

**txt\_lname.setText(lname);**

**txt\_dob.setText(dob);**

**if(gender.equalsIgnoreCase("male"))**

**rdb\_male.setSelected(true);**

**else**

**rdb\_female.setSelected(true);**

**tarea\_address.setText(address);**

**txt\_city.setText(city);**

**cmb\_state.setSelectedItem(true);**

**txt\_contact.setText(contact);**

**cmb\_status.setSelectedItem(true);}**

**catch(Exception e)**

**{JOptionPane.showMessageDialog(rootPane, "Sorry!! cannot display!!"+e);}**

***BUTTON NEXT:-***

**try{rs.next();**

**id=rs.getInt("CustId");**

**fname=rs.getString("CustFname");**

**lname=rs.getString("CustLname");**

**dob=rs.getString("CustDateOfBirth");**

**gender=rs.getString("Custgender");**

**address=rs.getString("CustAddress");**

**city=rs.getString("CustCity");**

**cmb\_state.setSelectedItem(rs.getString("CustState"));**

**contact=rs.getString("CustContactNo");**

**cmb\_status.setSelectedItem(rs.getString("CustStatus"));**

**txt\_id.setText(id+"");**

**txt\_fname.setText(fname);**

**txt\_lname.setText(lname);**

**txt\_dob.setText(dob);**

**if(gender.equalsIgnoreCase("male"))**

**rdb\_male.setSelected(true);**

**else**

**rdb\_female.setSelected(true);**

**tarea\_address.setText(address);**

**txt\_city.setText(city);**

**cmb\_state.setSelectedItem(true);**

**txt\_contact.setText(contact);**

**cmb\_status.setSelectedItem(true);}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane, "Sorry!! cannot display!!"+e);}**

***BUTTON LAST:-***

**try{rs.last();**

**id=rs.getInt("CustId");**

**fname=rs.getString("CustFname");**

**lname=rs.getString("CustLname");**

**dob=rs.getString("CustDateOfBirth");**

**gender=rs.getString("Custgender");**

**address=rs.getString("CustAddress");**

**city=rs.getString("CustCity");**

**cmb\_state.setSelectedItem(rs.getString("CustState"));**

**contact=rs.getString("CustContactNo");**

**cmb\_status.setSelectedItem(rs.getString("CustStatus"));**

**txt\_id.setText(id+"");**

**txt\_fname.setText(fname);**

**txt\_lname.setText(lname);**

**txt\_dob.setText(dob);**

**if(gender.equalsIgnoreCase("male"))**

**rdb\_male.setSelected(true);**

**else**

**rdb\_female.setSelected(true);**

**tarea\_address.setText(address);**

**txt\_city.setText(city);**

**cmb\_state.setSelectedItem(true);**

**txt\_contact.setText(contact);**

**cmb\_status.setSelectedItem(true);}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane, "Sorry!! cannot display!!"+e);}**

***BUTTON PREVIOUS:-***

**try{rs.previous();**

**id=rs.getInt("CustId");**

**fname=rs.getString("CustFname");**

**lname=rs.getString("CustLname");**

**dob=rs.getString("CustDateOfBirth");**

**gender=rs.getString("Custgender");**

**address=rs.getString("CustAddress");**

**city=rs.getString("CustCity");**

**cmb\_state.setSelectedItem(rs.getString("CustState"));**

**contact=rs.getString("CustContactNo");**

**cmb\_status.setSelectedItem(rs.getString("CustStatus"));**

**txt\_id.setText(id+"");**

**txt\_fname.setText(fname);**

**txt\_lname.setText(lname);**

**txt\_dob.setText(dob);**

**if(gender.equalsIgnoreCase("male"))**

**rdb\_male.setSelected(true);**

**else**

**rdb\_female.setSelected(true);**

**tarea\_address.setText(address);**

**txt\_city.setText(city);**

**cmb\_state.setSelectedItem(true);**

**txt\_contact.setText(contact);**

**cmb\_status.setSelectedItem(true);}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane, "Sorry!! cannot display!!"+e);}**

***FORM INWARD REGISTER:-***

***GENERATED CODE:-***

**Connection con=null;**

**Statement stmnt=null;**

**ResultSet rs=null;**

**String dr="java.sql.Driver";**

**String usr="root";**

**String pass="123456";**

**String url="jdbc:mysql://localhost:3306/coms";**

**String qry="";**

**int id=0;**

**String srno="";**

**String code="";**

**void clear(){DefaultTableModel tbl\_mdl= (DefaultTableModel) tbl.getModel();**

**int r= tbl\_mdl.getRowCount();**

**for(int i= 1 ; i<=r ; i++){**

**tbl\_mdl.removeRow(0);}}**

**void load(){**

**try{qry= "select \* from inwardregister";**

**stmnt= con.createStatement();**

**rs= stmnt.executeQuery(qry);**

**DefaultTableModel tbl\_mdl= (DefaultTableModel) tbl.getModel();**

**while (rs.next()){**

**tbl\_mdl.addRow(new Object[] {rs.getInt("InwardID"), rs.getString("STBNo"), rs.getString("STBCode"), rs.getString("STBStatus")});}**

**int r= tbl\_mdl.getRowCount();**

**stock.setText(r+"");}**

**catch (Exception e){JOptionPane.showMessageDialog(rootPane, "Sorry!! Records cannot be loaded!!!"+ e);}}**

***BUTTON INSERT:-***

**try{Class.forName(dr);**

**con=DriverManager.getConnection(url,usr,pass);**

**qry="insert into InwardRegister values("+txt\_InwardId.getText()+",'"+txt\_STBNo.getText()+"','"+txt\_STBCode.getText()+"','"+cmb\_STBstatus.getSelectedItem()+"')";**

**stmnt=con.createStatement();**

**stmnt.executeUpdate(qry);**

**JOptionPane.showMessageDialog(rootPane, "Records Saved");}**

**catch(Exceptione){JOptionPane.showMessageDialog(rootPane,"Records Not Saved");}**

**clear();**

**load();**

***BUTTON UPDATE:-***

**try{Class.forName(dr);**

**con=DriverManager.getConnection(url,usr,pass);**

**qry="update InwardRegister set STBNo='"+txt\_STBNo.getText()+"',STBCode='"+txt\_STBCode.getText**

**()+"',STBstatus='"+cmb\_STBstatus.getSelectedItem()+"' where InwardId="+txt\_InwardId.getText()+"";**

**stmnt=con.createStatement();**

**stmnt.executeUpdate(qry);**

**JOptionPane.showMessageDialog(rootPane,"Updated");}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane,"Update unsuccessful");}**

**clear();**

**load();**

***BUTTON DELETE:-***

**try{Class.forName(dr);**

**con=DriverManager.getConnection(url,usr,pass);**

**qry="delete from InwardRegister where InwardId="+txt\_InwardId.getText();**

**stmnt=con.createStatement();**

**stmnt.executeUpdate(qry);**

**JOptionPane.showMessageDialog(rootPane,"Deleted");}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane,"Delete**

**Unsuccessful");}**

**clear();**

**load();**

***FORM WINOWS OPENED:-***

**try{this.setBounds(350, 75, 622, 390);**

**Class.forName(dr);**

**con = DriverManager.getConnection(url, usr, pass);**

**qry= "select \* from inwardregister";**

**stmnt= con.createStatement();**

**rs= stmnt.executeQuery(qry);**

**while(rs.next()){**

**id = rs.getInt("InwardID");**

**srno=rs.getString("STBNo");**

**code=rs.getString("STBCode");**

**cmb\_STBstatus.setSelectedItem(rs.getString("STBstatus"));}**

**txt\_InwardId.setText(id+"");**

**txt\_STBNo.setText(srno);**

**txt\_STBCode.setText(code);**

**cmb\_STBstatus.setSelectedItem(true);}**

**catch(Exception e){JOptionPane.showMessageDialog(rootPane, "Sorry!! cannot display!!"+e);}**

**clear();**

**load();**

***BUTTON NEW:-***

**txt\_InwardId.setText("");**

**txt\_STBNo.setText("");**

**txt\_STBCode.setText("");**

**cmb\_STBstatus.setSelectedIndex(0);**

**stock.setText("");**

**clear();**

***FORM PAYMENT:-***

***GENERATED CODE:-***

**ResultSet rs=null;**

**Statement stmnt= null;**

**ResultSet rsCustID =null;**

**Statement StmntID=null;**

**ResultSet rsPymnt=null;**

**Statement StmntPymnt=null;**

**int CustID=0;**

**int RecCount=0;**

**Connection con=null;**

**String dr="java.sql.Driver";**

**String usr="root";**

**String pass="123456";**

**String url="jdbc:mysql://localhost:3306/coms";**

**String qry="";**

**int cid=0;**

***FORM WINOWS OPENED:-***

**try{**

**this.setBounds(350, 75, 701, 506);**

**btn\_createbill.setVisible(false);**

**Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry="select CustFName from custDetails";**

**stmnt=con.createStatement();**

**rs=stmnt.executeQuery(qry);**

**DefaultComboBoxModel mdl1= (DefaultComboBoxModel)cmb\_cust.getModel();**

**while (rs.next()){mdl1.addElement(rs.getString("CustFname"));}**

**PnlPyt.setVisible(false);}**

**catch(Exception e){}**

***BUTTON GO:-***

**try{Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry="select CustID from CustDetails where CustFname='"+cmb\_cust.getSelectedItem()+"'";**

**StmntID=con.createStatement();**

**rsCustID=StmntID.executeQuery(qry);**

**rsCustID.next();**

**CustID=rsCustID.getInt("CustID");**

**qry="select \* from payment where CustID ="+ CustID +" and PaymentDate between '"+txt1.getText()+"' and '"+txt2.getText()+"'";**

**StmntPymnt=con.createStatement();**

**rsPymnt=StmntPymnt.executeQuery(qry);**

**DefaultTableModel tbl\_mdl= (DefaultTableModel) tbl.getModel();**

**RecCount=0;**

**int size=tbl.getRowCount();**

**for(int i=0;i<size;i++)**

**tbl\_mdl.removeRow(0);**

**while(rsPymnt.next()){**

**RecCount++;**

**tbl\_mdl.addRow(new Object[] {cmb\_cust.getSelectedItem(), rsPymnt.getInt("Amount")});}**

**PnlPyt.setVisible(false);**

**if(RecCount>0){}**

**else{**

**btn\_createbill.setVisible(true);**

**JOptionPane.showMessageDialog(rootPane, "No...Payment Found...!!!");}}**

**catch(Exception e){}**

***BUTTON CREATE BILL:-***

**try{PnlPyt.setVisible(true);**

**Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry= "select custFname from custDetails where custFname='"+ cmb\_cust.getSelectedItem()+"'";**

**stmnt= con.createStatement();**

**rs= stmnt.executeQuery(qry);**

**rs.next();**

**String cname=rs.getString("custFname");**

**custname.setText(cname);}**

**catch(Exception e){}**

***BUTTON OK:-***

**try{Class.forName(dr);**

**con=DriverManager.getConnection(url, usr, pass);**

**qry= "select custID from custDetails where custFname='"+ custname.getText()+"'";**

**stmnt= con.createStatement();**

**rs= stmnt.executeQuery(qry);**

**rs.next();**

**cid=rs.getInt("custID");**

**qry="insert into payment values("+payid.getText()+", '"+paydate.getText()+"', "+cid+", "+billamt.getText()+")";**

**stmnt= con.createStatement();**

**stmnt.executeUpdate(qry);**

**JOptionPane.showMessageDialog(rootPane, "Bill Created!!!!");}**

**catch(Exception e){}**