This is to certify that SHUBHAM RASTOGI of class XII-D has successfully completed his IP project entitled ‘INCOME TAX COMPUTATION SYSTEM’

under my guidance & supervision during academic year 2012-2013.

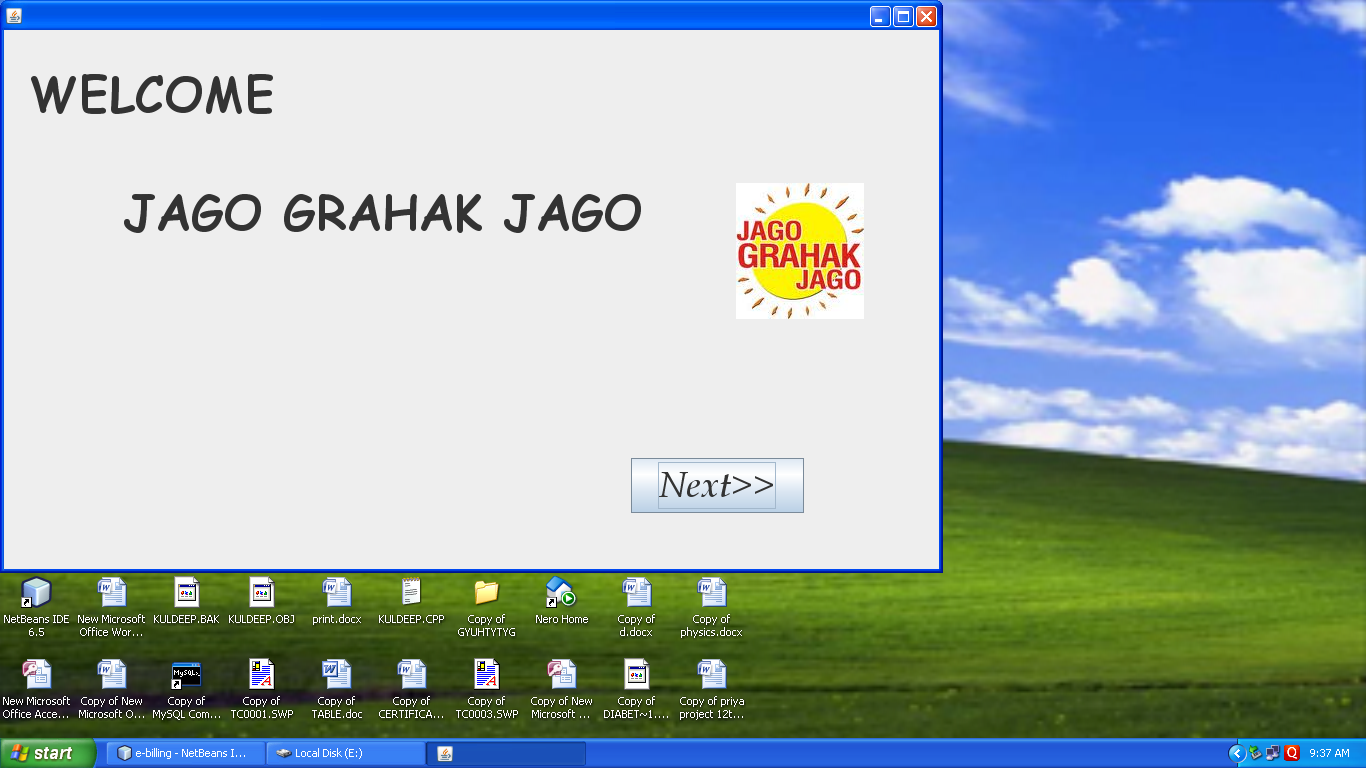
**Mrs. DAMANJEET KAUR**

(Teacher’s Signature)

**I shall forever be indebted to my teacher Mrs. DAMANJEET KAUR, who as my guide offered all possible help to me in form of continued encouragement & guidance in completing this project. It is only due to her valuable advice that I have been able to do this project. I am also grateful to my INFORMATICS PRACTICES BOOK, without whose cooperation, help & encouraging behavior towards me this project would not have been completed successfully & presented in the way in which it is presented now.**

**(NAVITA JAIN)**

* *Certificate*
* *Acknowledgement*
* *Flow Of Controls*
* *Welcome Screen*
* *Owner And Customer*
* *Input Dialog*
* *MENU:*
* *Bill Payment Form*
* *Customers Details*
* *Payment Details*
* *Payment Details(Bill Wise)*
* *Payment Details(Date Wise)*
* *Help Form*
* *Imports*
* *Mysql(Databases)*
* *Bibliography*
* WELCOME SCREEN



Next>>

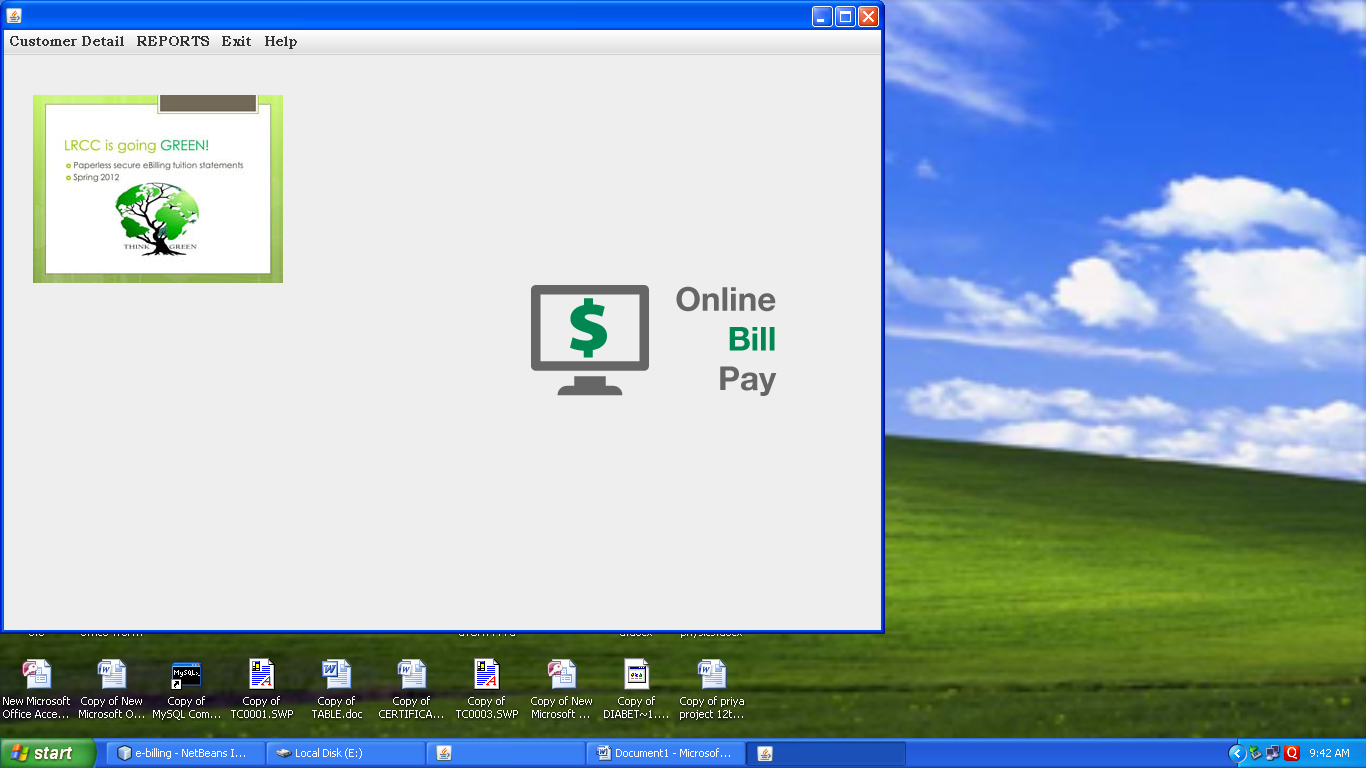
private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new NewJFrame().setVisible(true);

}

* MENU FORM



OLD CUSTOMER

private void **jMenuItem1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new OLD\_CUST\_LOGIN().setVisible(true);

}

NEW CUTOMER

private void **jMenuItem2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new foam().setVisible(true);

}

REPORT:CUSTOMER DETAIL

private void **jMenuItem3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new CUST\_TABLE().setVisible(true);

}

REPORT:PAYMENT DETAIL

private void **jMenuItem4ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new pay\_table().setVisible(true);

}

REPORT:PAYMENT DETAIL(MONTH WISE)

private void **jMenuItem5ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new pay\_date().setVisible(true);

}

REPORT:PAYMENT DETAIL(BILL WISE)

private void **jMenuItem6ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new pay\_bill().setVisible(true);

}

EXIT

private void **jMenuItem7ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

System.exit(0);

}

HELP

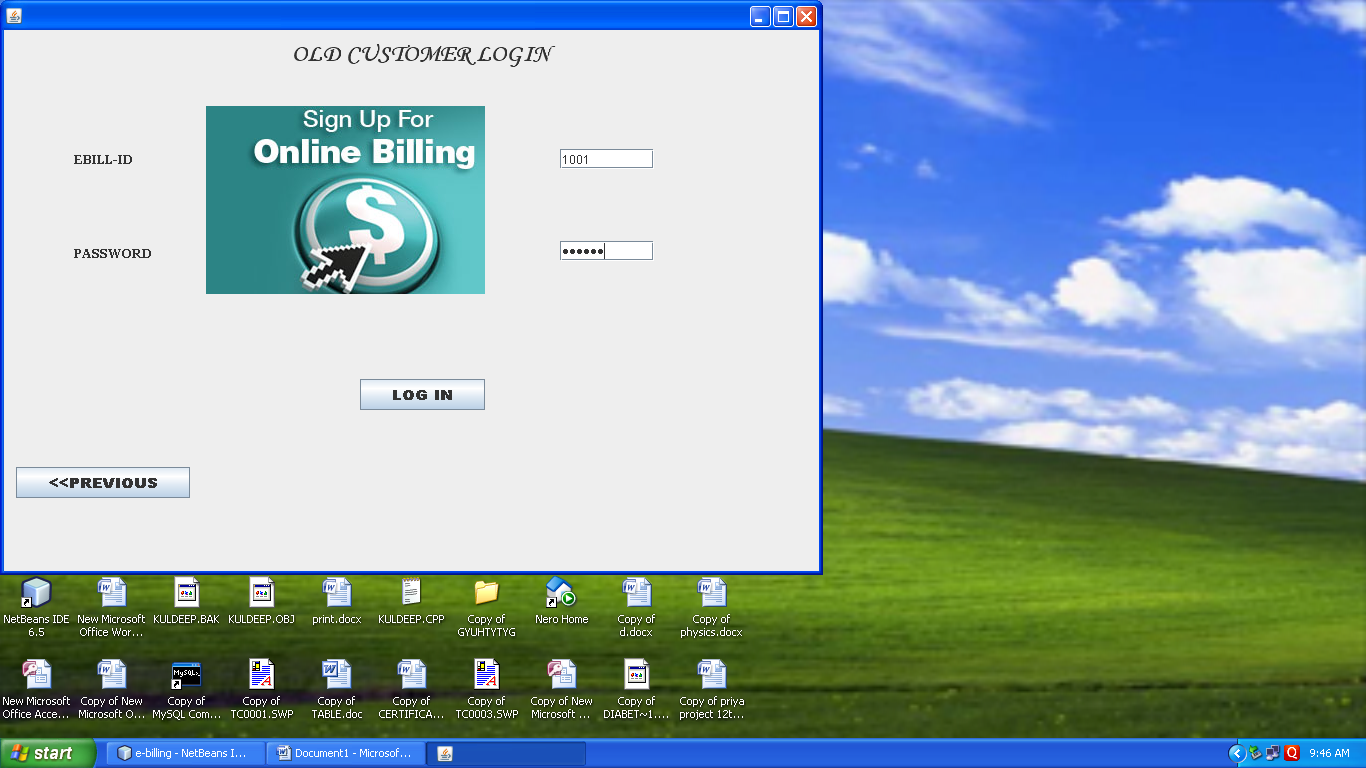
private void **jMenu3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new help().setVisible(true);

}

* OLD CUSTOMER LOGIN FORM



LOGIN

private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String id,name,checkId;

int flag=1;

id=jTextField1.getText();

String p =(jPasswordField1.getText());

try{

Class.forName("java.sql.DriverManager");

Connection con=(Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/password","root","lvm");

Statement stmt=(Statement)con.createStatement();

String qu="Select \* from login where EBILL\_ID="+id;

ResultSet rs=stmt.executeQuery(qu);

while (rs.next())

{

checkId=rs.getString("ebill\_id");

name=rs.getString("password");

if ((checkId.equals(id))&& (name.equals(p)))

{

new WB\_payment().setVisible(true);

flag=0;

}

}

if (flag==1)

{

JOptionPane.showMessageDialog(this,"invalid id entered by u");

}

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e);

}

}

PREVIOUS

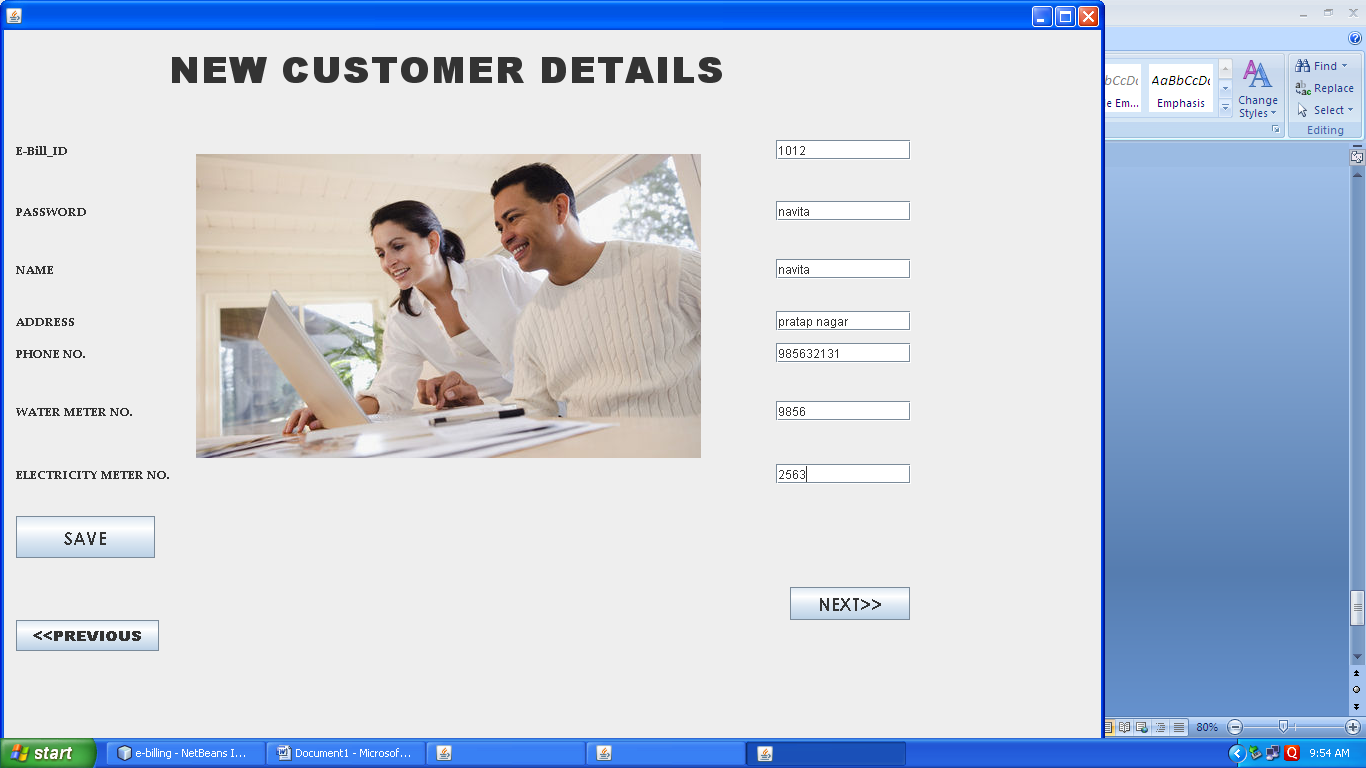
private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new NewJFrame().setVisible(true);

}

* NEW CUSTOMER FORM



SAVE

private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String id,pass,name,add,pno,wmno,emno;

try{

Class.forName("java.sql.DriverManager");

Connection con=(Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/password","root","lvm");

Statement stmt=(Statement)con.createStatement();

ResultSet rs=null;

id=jTextField1.getText();

pass=jTextField7.getText();

name=jTextField6.getText();

add=jTextField2.getText();

pno=jTextField3.getText();

wmno=jTextField4.getText();

emno=jTextField5.getText();

String query="insert into login values("+id+",'"+pass+"','"+name+"','"+add+"',"+pno+","+wmno+","+emno+")";

int raff = stmt.executeUpdate(query);

stmt.close();

con.close();

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e.getMessage());

}

}

NEXT

private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new WB\_payment().setVisible(true);

}

PREVIOUS

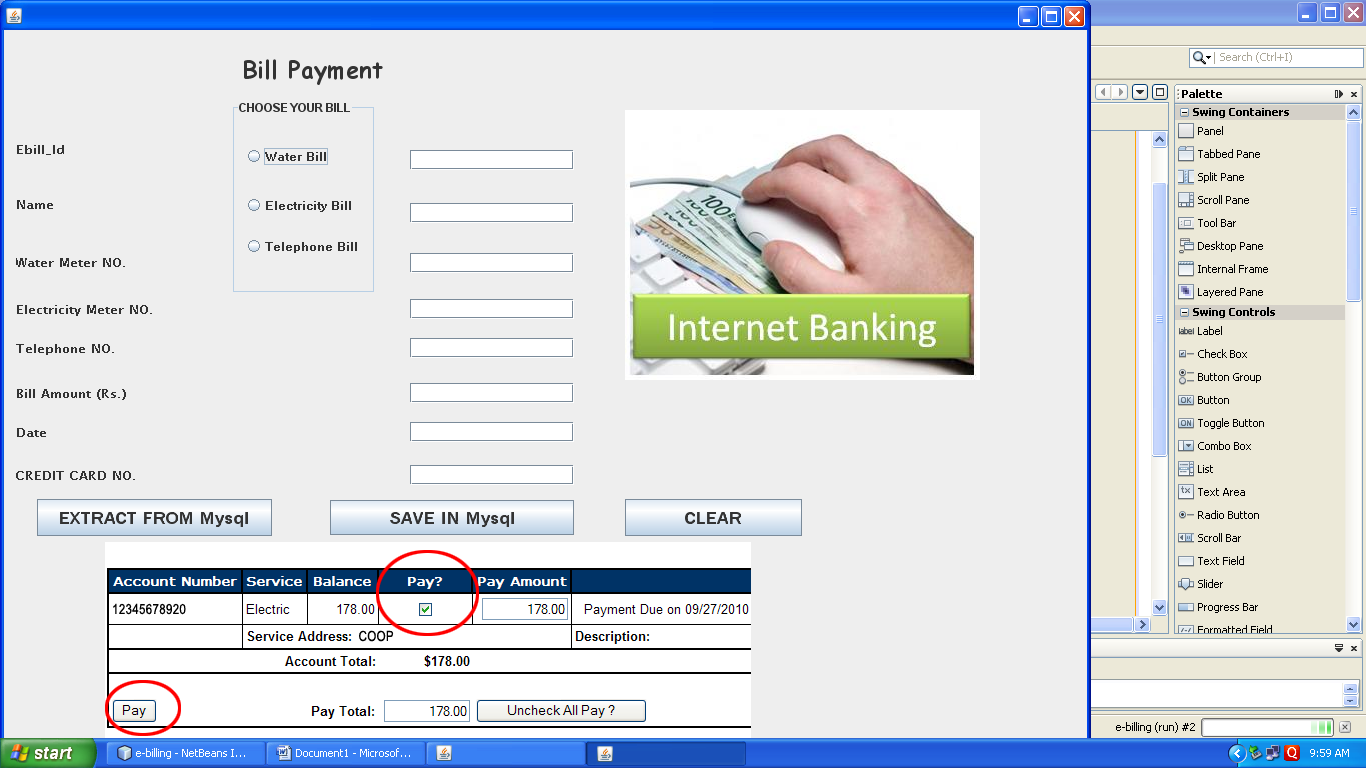
private void **jButton3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new NewJFrame().setVisible(true);

}

* PAYMENT OF BILL



ELECTRICITY BILL

private void **jRadioButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jTextField5.setEnabled(false);

jTextField6.setEnabled(false);

jTextField3.setEnabled(true);

}

TELEPHONE BILL

private void **jRadioButton3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jTextField3.setEnabled(false);

jTextField5.setEnabled(false);

jTextField6.setEnabled(true);

}

WATER BILL

private void **jRadioButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jTextField3.setEnabled(false);

jTextField6.setEnabled(false);

jTextField5.setEnabled(true);

}

EXTRACT FROM MYSQL

private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String name,wmno,tno,emno;

int id;

id=Integer.parseInt(jTextField1.getText());

try{

Class.forName("java.sql.DriverManager");

Connection con=(Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/password","root","lvm");

Statement stmt=(Statement)con.createStatement();

String qu="Select \* from login where EBILL\_ID="+id;

ResultSet rs=stmt.executeQuery(qu);

while (rs.next())

{

name=rs.getString("name");

wmno=rs.getString("waterbillno");

emno=rs.getString("electricitybillno");

tno=rs.getString("phoneno");

jTextField6.setText(tno);

jTextField2.setText(name);

jTextField5.setText(wmno);

jTextField3.setText(emno);

}

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e.getMessage());

}

}

CLEAR

private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jTextField1.setText("");

jTextField2.setText("");

jTextField6.setText("");

jTextField5.setText("");

jTextField3.setText("");

jTextField4.setText("");

jTextField8.setText("");

jTextField7.setText("");

}

SAVE IN MYSQL

private void **jButton3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

String name,id,type,date;

int instNum=0,ba,crd;

try{

Class.forName("java.sql.DriverManager");

Connection con=(Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/password","root","lvm");

Statement stmt=(Statement)con.createStatement();

ResultSet rs=null;

id=jTextField1.getText();

name=jTextField2.getText();

type="";

if (jRadioButton1.isSelected())

{ type="Water Bill";

instNum=Integer.parseInt(jTextField5.getText());

}

else if (jRadioButton2.isSelected())

{ type="Electricity Bill";

instNum=Integer.parseInt(jTextField3.getText());

}

else if (jRadioButton3.isSelected())

{ type="TelePhone Bill";

instNum=Integer.parseInt(jTextField6.getText());

}

ba=Integer.parseInt(jTextField4.getText());

date=jTextField8.getText();

crd=Integer.parseInt(jTextField7.getText());

String query="insert into bill values("+id+",'"+name+"','"+type+"',"+instNum+","+ba+",'"+date+"',"+crd+")";

int raff=stmt.executeUpdate(query);

stmt.close();

con.close();

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e.getMessage());

}

}

private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

jTextField1.setText("");

jTextField2.setText("");

jTextField6.setText("");

jTextField5.setText("");

jTextField3.setText("");

jTextField4.setText("");

jTextField8.setText("");

jTextField7.setText("");

}

* NEW CUSTOMER DETAILS



SHOW

private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

DefaultTableModel model=(DefaultTableModel)jTable1.getModel();

try

{

Class.forName("java.sql.DriverManager");

Connection con=(Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/password","root","lvm");

Statement stmt=(Statement)con.createStatement();

String query="select \* from login";

ResultSet rs=stmt.executeQuery(query);

while(rs.next())

{

String Ebill\_id=rs.getString("Ebill\_id");

String password=rs.getString("password");

String name=rs.getString("name");

String address=rs.getString("address");

String phoneno=rs.getString("phoneno");

String waterbillno=rs.getString("waterbillno");

String electricitybillno = rs.getString ("electricitybillno");

model.addRow(new Object[]{Ebill\_id,password,name,address,phoneno,waterbillno,electricitybillno});

}

}

catch(Exception e)

{ JOptionPane.showMessageDialog(this,e.getMessage());

}

}

PREVIOUS

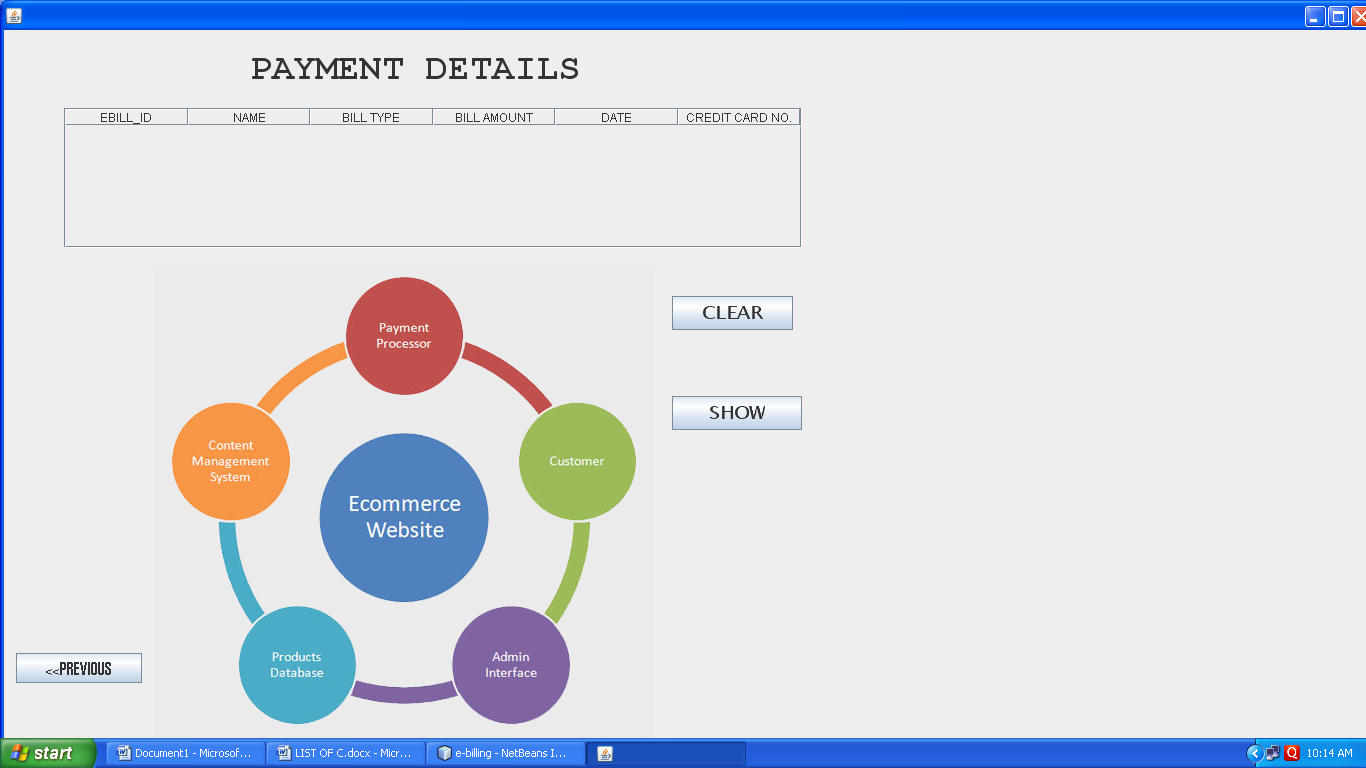
private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new NewJFrame().setVisible(true);

}

* PAYMENT DETAILS



SHOW

private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

DefaultTableModel model=(DefaultTableModel)jTable1.getModel();

try

{

Class.forName("java.sql.DriverManager");

Connection con=(Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/password","root","lvm");

Statement stmt=(Statement)con.createStatement();

String query="select \* from BILL";

ResultSet rs=stmt.executeQuery(query);

while(rs.next())

{

String Ebill\_id=rs.getString("Ebill\_id");

String name=rs.getString("name");

String bill\_type=rs.getString("bill\_type");

String billamount=rs.getString("amount");

String date=rs.getString("date");

String credit\_card\_no=rs.getString("credit\_card\_no");

model.addRow(new Object[]{Ebill\_id,name,bill\_type,billamount,date,credit\_card\_no});

}

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e.getMessage());

}

}

PREVIOUS

private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new NewJFrame().setVisible(true);

}

CLEAR

private void **jButton3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

DefaultTableModel model=(DefaultTableModel)jTable1.getModel();

int rows=model.getRowCount();

if (rows>0)

{

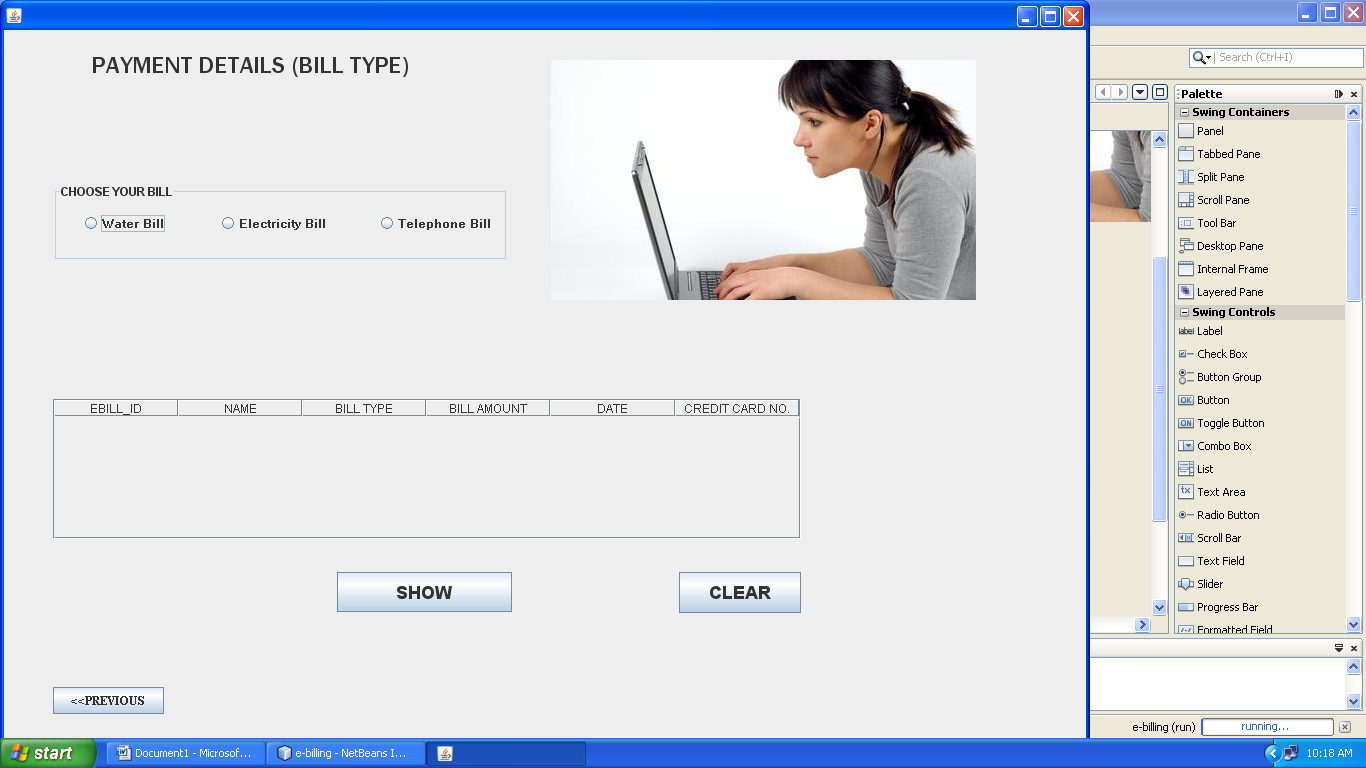
for (int i=0;i<rows;i++)

model.removeRow(0);

}

}

* PAYMENT DETAILS(BILL TYPE)



SHOW

private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

DefaultTableModel model=(DefaultTableModel)jTable1.getModel();

String bill\_type = null;

try

{

Class.forName("java.sql.DriverManager");

Connection con=(Connection) DriverManager.getConnection("jdbc:mysql://localhost:3306/password","root","lvm");

Statement stmt=(Statement)con.createStatement();

if (jRadioButton1.isSelected())

{ bill\_type="Water Bill";

}

else if (jRadioButton2.isSelected())

{ bill\_type="Electricity Bill";

}

else if (jRadioButton3.isSelected())

{ bill\_type="TelePhone Bill";

}

String query="select \* from BILL where bill\_type= '" +bill\_type+"';";

ResultSet rs=stmt.executeQuery(query);

while(rs.next())

{ String Ebill\_id=rs.getString("Ebill\_id");

String name=rs.getString("name");

String billamount=rs.getString("amount");

String date=rs.getString("date");

String credit\_card\_no=rs.getString("credit\_card\_no");

model.addRow(new Object[]{Ebill\_id,name,bill\_type,billamount,date,credit\_card\_no});

}

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e.getMessage());

}

}

PREVIOUS

private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new NewJFrame().setVisible(true);

}

CLEAR

private void **jButton3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

DefaultTableModel model=(DefaultTableModel)jTable1.getModel();

int rows=model.getRowCount();

if (rows>0)

{

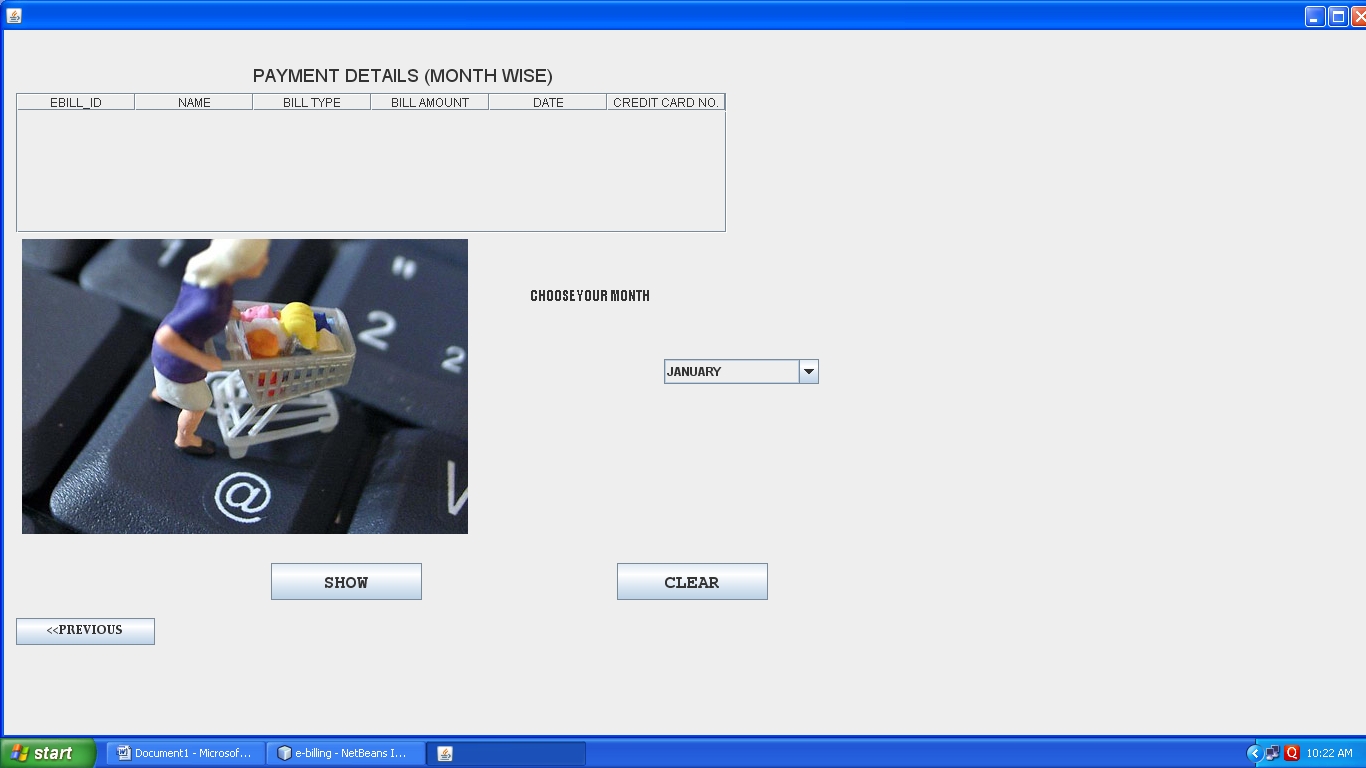
for (int i=0;i<rows;i++)

model.removeRow(0);

}

}

* PAYMENT DETAILS(MONTH WISE)



SHOW

private void **jButton1ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

DefaultTableModel model=(DefaultTableModel)jTable1.getModel();

try {

Class.forName("java.sql.DriverManager");

Connection con=(Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/PASSWORD","root","lvm");

Statement stmt=(Statement)con.createStatement();

int index=-1;

index=jComboBox2.getSelectedIndex();

index=index+1;

String q="select \* from BILL where month(date)="+index;

ResultSet rs=stmt.executeQuery(q);

while(rs.next())

{

String Ebill\_id=rs.getString("Ebill\_id");

String name=rs.getString("name");

String bill\_type=rs.getString("bill\_type");

String billamount=rs.getString("amount");

String date=rs.getString("date");

String credit\_card\_no=rs.getString("credit\_card\_no");

model.addRow(new Object[]{Ebill\_id,name,bill\_type,billamount,date,credit\_card\_no});

}

rs.close();

stmt.close();

con.close();

}

catch(Exception e)

{

JOptionPane.showMessageDialog(this,e);

}

}

PREVIOUS

private void **jButton2ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

new NewJFrame().setVisible(true);

}

CLEAR

private void **jButton3ActionPerformed**(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

DefaultTableModel model=(DefaultTableModel)jTable1.getModel();

int rows=model.getRowCount();

if (rows>0)

{

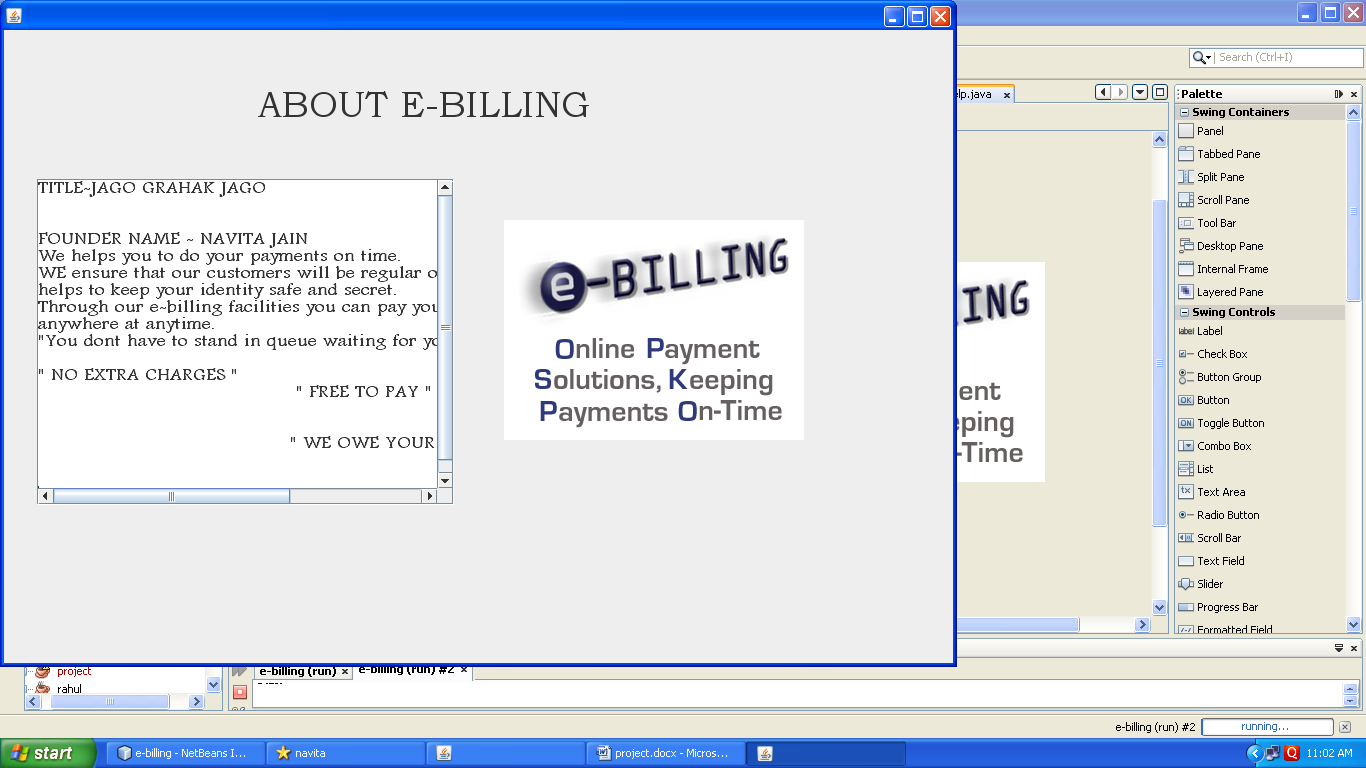
for (int i=0;i<rows;i++)

model.removeRow(0);

}

}

* HELP FORM



IMPORTS

* *import com.mysql.jdbc.Connection;*
* *import com.mysql.jdbc.Statement;*
* *import java.sql.DriverManager;*
* *import java.sql.ResultSet;*
* *import javax.swing.JOptionPane;*
* *import javax.swing.table.DefaultTableModel;*

*MYSQL*

* ***DATABASE***

**mysql>** **create database password;**

Query OK, 1 row affected (0.00 sec)

**mysql> use password;**

Database changed

* TABLE: LOGIN

**mysql> create table login**

-> (EBILL\_ID INT(10),

-> PASSWORD CHAR(10));

Query OK, 0 rows affected (0.09 sec)

**mysql> INSERT INTO LOGIN VALUES(1001,'navita');**

Query OK, 1 row affected (0.06 sec)

**mysql> INSERT INTO LOGIN VALUES(1002,'navita');**

Query OK, 1 row affected (0.03 sec)

**mysql> INSERT INTO LOGIN VALUES(1003,'navita');**

Query OK, 1 row affected (0.01 sec)

**mysql> INSERT INTO LOGIN VALUES(1004,'navita');**

Query OK, 1 row affected (0.02 sec)

**mysql> INSERT INTO LOGIN VALUES(1005,'navita');**

Query OK, 1 row affected (0.03 sec)

**mysql> INSERT INTO LOGIN VALUES(1006,'navita');**

Query OK, 1 row affected (0.02 sec)

**mysql> INSERT INTO LOGIN VALUES(1007,'navita');**

Query OK, 1 row affected (0.02 sec)

**mysql> INSERT INTO LOGIN VALUES(1008,'navita');**

Query OK, 1 row affected (0.01 sec)

**mysql> INSERT INTO LOGIN VALUES(1009,'navita');**

Query OK, 1 row affected (0.03 sec)

**mysql> INSERT INTO LOGIN VALUES(1010,'navita');**

Query OK, 1 row affected (0.02 sec)

**mysql> select \* from login;**

+----------+----------+

| EBILL\_ID | PASSWORD |

+----------+----------+

| 1001 | navita |

| 1002 | navita |

| 1003 | navita |

| 1004 | navita |

| 1005 | navita |

| 1006 | navita |

| 1007 | navita |

| 1008 | navita |

| 1009 | navita |

| 1010 | navita |

+----------+----------+

10 rows in set (0.00 sec)

* TABLE:BILL

**mysql> create table bill**

(EBILL\_ID INT(10),

PASSWORD CHAR(10),

NAME CHAR(10),

type CHAR(20),

PhoneNo INT(10),

WaterBillNo INT(5),

ElectricityBillNo INT(5));

Query OK, 0 rows affected (0.09 sec)

"insert into bill values("+id+",'"+name+"','"+type+"',"+instNum+","+ba+",'"+date+"',"+crd+")";

create table bill

(ebill\_id int(10),

name varchar(20),

type char(20),

meter\_no char(15),

ba decimal(9,2),

b\_date date,

ccn char(20));

K, 0 rows affected (0.35 sec)

create table login

(id int (10),

pwd char(10),

name varchar(20),

address varchar(20),

pno char(10),

wno char(10),

eno char(10));

* [www.google.com](http://www.google.com)
* [www.w3school.com](http://www.w3school.com)
* Text Book