Designed and implemented by

Himanshu patel And

Abhishek verma

****

IP Project File

(2017-18)

Guided by

Nalin Govil Sir

Roll no-12111 and 12103

# *CERTIFICATE*

# *This is to certify that the candidate “Himanshu Patel” of class 12 has submitted the project work of IP on the topic “MOBILE Store” under the guidance of Mr. Nalin Govil (Subject Teacher)*

# *Hope that this is the partial completion of the subject practical during the year 2017-18 conducted by CBSE, Ajmer*

# *Signature Of Teacher*

## (Nalin Govil Sir)

# *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

Mobile Store

## Adding /Updating mobiles

## Selling mobiles

## Mobile Information

## Information Of Sold Mobiles

BackEnd

MYSQL connectivity

MYSQL

Databases

Tables

And

its Structure

DATABASE Name-“mobilestore”

**show tables;**

**+-----------------------+**

**| Tables\_in\_mobilestore |**

**+-----------------------+**

**| mobile |**

**| password |**

**| sell |**

**+-----------------------+**

**3 rows in set (0.04 sec)**

**desc mobile;**

**+-----------+--------------+------+-----+---------+-------+**

**| Field | Type | Null | Key | Default | Extra |**

**+-----------+--------------+------+-----+---------+-------+**

**| brand | varchar(15) | NO | | NULL | |**

**| model | varchar(15) | NO | PRI | NULL | |**

**| mtype | varchar(35) | NO | | NULL | |**

**| mtype1 | varchar(30) | NO | | NULL | |**

**| ntype | varchar(25) | NO | | NULL | |**

**| access | varchar(100) | NO | | NULL | |**

**| otherspec | varchar(100) | NO | | NULL | |**

**| bt | varchar(15) | NO | | NULL | |**

**| gprs | varchar(15) | NO | | NULL | |**

**| camera | varchar(15) | NO | | NULL | |**

**| gps | varchar(15) | NO | | NULL | |**

**| snetwork | varchar(15) | NO | | NULL | |**

**| black | varchar(15) | NO | | NULL | |**

**| white | varchar(15) | NO | | NULL | |**

**| red | varchar(15) | NO | | NULL | |**

**| otherco | varchar(15) | NO | | NULL | |**

**| qty | varchar(15) | NO | | NULL | |**

**| uprice | varchar(15) | NO | | NULL | |**

**+-----------+--------------+------+-----+---------+-------+**

**18 rows in set (0.01 sec)**

**desc sell;**

**+---------+-------------+------+-----+---------+-------+**

**| Field | Type | Null | Key | Default | Extra |**

**+---------+-------------+------+-----+---------+-------+**

**| billno | varchar(5) | NO | | NULL | |**

**| brand | varchar(30) | NO | | NULL | |**

**| modelno | varchar(5) | NO | | NULL | |**

**| date | varchar(15) | NO | | NULL | |**

**| name | varchar(30) | NO | | NULL | |**

**| qty | varchar(5) | NO | | NULL | |**

**| uprice | varchar(15) | NO | | NULL | |**

**+---------+-------------+------+-----+---------+-------+**

**7 rows in set (0.00 sec)**

**desc password;**

**+-------+-------------+------+-----+---------+-------+**

**| Field | Type | Null | Key | Default | Extra |**

**+-------+-------------+------+-----+---------+-------+**

**| pwd | varchar(15) | NO | | NULL | |**

**+-------+-------------+------+-----+---------+-------+**

**1 row in set (0.00 sec)**

**//print here contents of table mobile;**

**select \* from password;**

**+----------+**

**| pwd |**

**+----------+**

**| iamTyson |**

**+----------+**

**1 row in set (0.00 sec)**

**select \* from sell;**

**+--------+--------------+---------+------------+------+-----+--------+**

**| billno | brand | modelno | date | name | qty | uprice |**

**+--------+--------------+---------+------------+------+-----+--------+**

**| 1 | SELECT BRAND | | 11/01/2018 | | 1 | 0 |**

**| 2 | Acer | 555 | 11/01/2018 | sdc | 1 | 10000 |**

**| 3 | Acer | 555 | 11/01/2018 | gde | 02 | 20000 |**

**| 4 | Acer | 666 | 18/01/2018 | him | 02 | 20000 |**

**+--------+--------------+---------+------------+------+-----+--------+**

**4 rows in set (0.00 sec)**

# FrontEnd

Netbeans

Frames

Structures and

Working

# C:\Users\Tyson\Documents\screenshot_20180121_211228.png

# Coding For Loginid.java jButton1(Login)

**if(jTextField1.getText().equals("")||jTextField2.getText().equals(""))**

**JOptionPane.showMessageDialog(null, "First Enter All Values Correctly");**

**else**

**{**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**String pass="Select \* from password;";**

**ResultSet rs=stmt.executeQuery(pass);**

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

**{**

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

**if(jTextField2.getText().equals(password))**

**{**

**Loginid.this.dispose();**

**new newmainform().setVisible(true);**

**JOptionPane.showMessageDialog(null,"Welcome To An Efficient MobileStore Application ");**

**JOptionPane.showMessageDialog(null,"Select Your Desired Points Of Interests ");**

**}**

**else**

**JOptionPane.showMessageDialog(null,"Wrong Password Access Denied ");**

**}**

**}**

**catch (Exception e)**

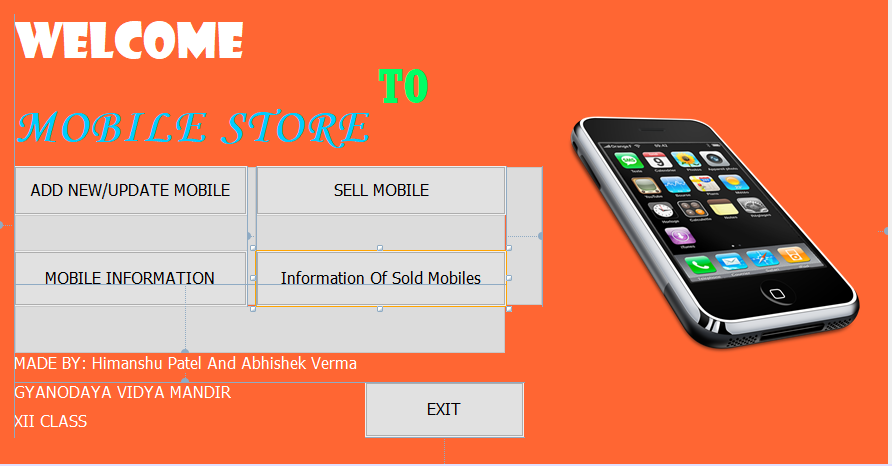
**{**

**JOptionPane.showMessageDialog(null,"Error In Connectivity");**

**} }**

# Coding For Loginid.java jButton2(Exit)

**System.exit(0);**





# Coding For newmainform.java jButton1(ADD NEW/UPDATE MOBILE)

**new nmobile().setVisible(true);**

# Coding For newmainform.java jButton2

**new MOBILEINFORMATION().setVisible(true);**

# Coding For newmainform.java jButton3(SELL MOBILE)

**new SELLMOBILE().setVisible(true);**

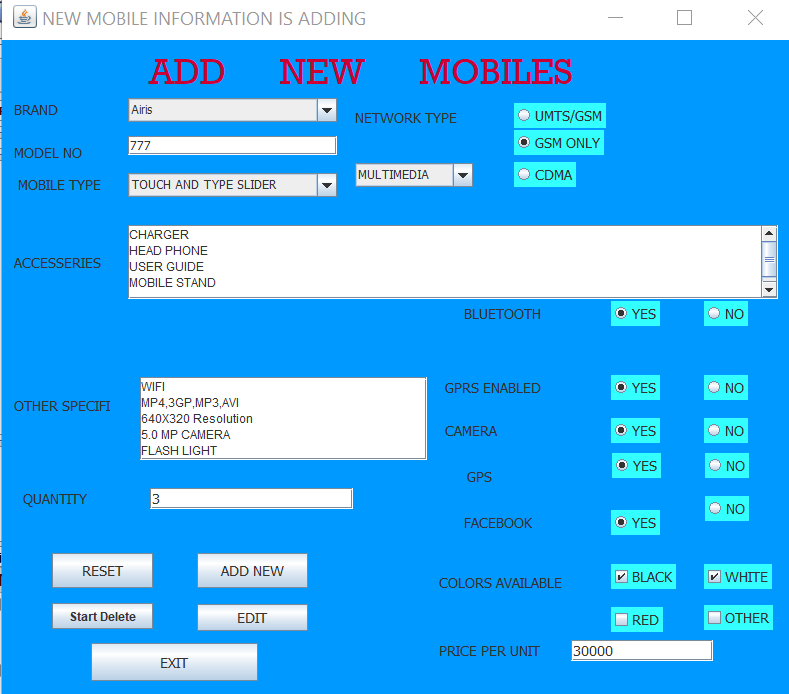
# Coding For newmainform.java jButton6(Information Of Sold Mobiles)

**new SoldMobiles().setVisible(true);**

# Coding For newmainform.java jButton4(EXIT)

**System.exit(0);**

****



# Coding For nmobile.java jButton1(RESET)

**jComboBox1.setSelectedIndex(0);**

**jComboBox2.setSelectedIndex(0);**

**jComboBox3.setSelectedIndex(0);**

**jTextField1.setText("");**

**jTextField2.setText("");**

**jTextField3.setText("");**

**jCheckBox1.setSelected(false);**

**jCheckBox2.setSelected(false);**

**jCheckBox3.setSelected(false);**

**jCheckBox4.setSelected(false);**

**jComboBox1.setEnabled(true);**

**jTextField1.setEditable(true);**

**jTextField1.setEnabled(true);**

**jComboBox2.setEnabled(true);**

**jComboBox3.setEnabled(true);**

**jTextArea1.setEditable(true);**

**jTextArea2.setEditable(true);**

**jTextField2.setEditable(true);**

**jTextField3.setEditable(true);**

**jCheckBox1.setEnabled(true);**

**jCheckBox2.setEnabled(true);**

**jCheckBox3.setEnabled(true);**

**jCheckBox4.setEnabled(true);**

**jRadioButton1.setEnabled(true);**

**jRadioButton2.setEnabled(true);**

**jRadioButton3.setEnabled(true);**

**jRadioButton4.setEnabled(true);**

**jRadioButton5.setEnabled(true);**

**jRadioButton6.setEnabled(true);**

**jRadioButton7.setEnabled(true);**

**jRadioButton8.setEnabled(true);**

**jRadioButton9.setEnabled(true);**

**jRadioButton10.setEnabled(true);**

**jRadioButton11.setEnabled(true);**

**jRadioButton12.setEnabled(true);**

**jRadioButton13.setEnabled(true);**

**jRadioButton14.setEnabled(true);**

**jButton3.setEnabled(true);**

**jButton2.setEnabled(true);**

**jButton2.setText("ADD NEW");**

**jButton5.setText("Start Delete");**

**}**

# Coding For nmobile.java jButton2(ADD NEW/UPDATE)

**String value=jButton2.getText();**

**if(value.equals("ADD NEW"))**

**{**

**if(jComboBox1.getSelectedItem().equals("SELECT BRAND")||jTextField1.getText().equals("")||jComboBox2.getSelectedItem().equals("SELECT")||jTextField2.getText().equals("")||jTextField3.getText().equals("")&&(jRadioButton1.isSelected()==true&&jRadioButton2.isSelected()==true&&jRadioButton3.isSelected()==true))**

**JOptionPane.showMessageDialog(null, "First Enter All Values Correctly");**

**else**

**{**

**String brand=(String)jComboBox1.getSelectedItem();**

**String mtype=(String)jComboBox2.getSelectedItem();**

**String mtype1=(String)jComboBox3.getSelectedItem();**

**String model=jTextField1.getText();**

**String access=jTextArea1.getText();**

**String otherspec=jTextArea2.getText();**

**String qty=jTextField2.getText();**

**String uprice=jTextField3.getText();**

**String ntype=null;**

**String bt= null;**

**String gprs=null;**

**String camera=null;**

**String gps=null;**

**String snetwork=null;**

**String black=null;**

**String white=null;**

**String red=null;**

**String otherco=null;**

**if(jRadioButton1.isSelected()==true)**

**{**

**bt="yes";**

**}**

**if(jRadioButton2.isSelected()==true)**

**{**

**bt="no";**

**}**

**if(jRadioButton3.isSelected()==true)**

**{**

**gprs="yes";**

**}**

**if(jRadioButton4.isSelected()==true)**

**{**

**gprs="no";**

**}**

**if(jRadioButton5.isSelected()==true)**

**{**

**ntype="UMTS/GSM";**

**}**

**if(jRadioButton6.isSelected()==true)**

**{**

**ntype="GSM ONLY";**

**}**

**if(jRadioButton7.isSelected()==true)**

**{**

**ntype="CDMA";**

**}**

**if(jRadioButton8.isSelected()==true)**

**{**

**camera="yes";**

**}**

**if(jRadioButton9.isSelected()==true)**

**{**

**camera="no";**

**}**

**if(jRadioButton10.isSelected()==true)**

**{**

**gps="yes";**

**}**

**if(jRadioButton11.isSelected()==true)**

**{**

**gps="no";**

**}**

**if(jRadioButton13.isSelected()==true)**

**{**

**snetwork="yes";**

**}**

**if(jRadioButton14.isSelected()==true)**

**{**

**snetwork="no";**

**}**

**if (jCheckBox1.isSelected())**

**{**

**black="yes";**

**}**

**else**

**{**

**black="no";**

**}**

**if (jCheckBox2.isSelected())**

**{**

**white="yes";**

**}**

**else**

**{**

**white="no";**

**}**

**if (jCheckBox3.isSelected())**

**{**

**red="yes";**

**}**

**else**

**{**

**red="no";**

**}**

**if (jCheckBox4.isSelected())**

**{**

**otherco="yes";**

**}**

**else**

**{**

**otherco="no";**

**}**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

**String query="INSERT INTO mobile VALUES ('"+brand+"','"+model+"','"+mtype+"','"+mtype1+"','"+ntype+"','"+access+"','"+otherspec+"','"+bt+"','"+gprs+"','"+camera+"','"+gps+"','"+snetwork+"','"+black+"','"+white+"','"+red+"','"+otherco+"','"+qty+"','"+uprice+"');";**

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

**stmt.executeUpdate(query);**

**jComboBox1.setSelectedIndex(0);**

**jComboBox2.setSelectedIndex(0);**

**jComboBox3.setSelectedIndex(0);**

**jTextField1.setText("");**

**jTextField2.setText("");**

**jTextField3.setText("");**

**jCheckBox1.setSelected(false);**

**jCheckBox2.setSelected(false);**

**jCheckBox3.setSelected(false);**

**jCheckBox4.setSelected(false);**

**stmt.close();**

**con.close();**

**JOptionPane.showMessageDialog(null,"Values added successfully");**

**} catch(Exception e) {**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY (May be Model Already Exists)");**

**}**

**}**

**}**

**else**

**if(value.equals("UPDATE"))**

**{**

**if(jComboBox1.getSelectedItem().equals("SELECT BRAND")||jTextField1.getText().equals("")||jTextField2.getText().equals("")||jTextField3.getText().equals(""))**

**JOptionPane.showMessageDialog(null,"Enter Brand And Model No First");**

**else**

**{**

**String brand=(String)jComboBox1.getSelectedItem();**

**String mtype=(String)jComboBox2.getSelectedItem();**

**String mtype1=(String)jComboBox3.getSelectedItem();**

**String model=jTextField1.getText();**

**String access=jTextArea1.getText();**

**String otherspec=jTextArea2.getText();**

**String qty=jTextField2.getText();**

**String uprice=jTextField3.getText();**

**String ntype=null;**

**String bt= null;**

**String gprs=null;**

**String camera=null;**

**String gps=null;**

**String snetwork=null;**

**String black=null;**

**String white=null;**

**String red=null;**

**String otherco=null;**

**if(jRadioButton1.isSelected()==true)**

**{**

**bt="yes";**

**}**

**if(jRadioButton2.isSelected()==true)**

**{**

**bt="no";**

**}**

**if(jRadioButton3.isSelected()==true)**

**{**

**gprs="yes";**

**}**

**if(jRadioButton4.isSelected()==true)**

**{**

**gprs="no";**

**}**

**if(jRadioButton5.isSelected()==true)**

**{**

**ntype="UMTS/GSM";**

**}**

**if(jRadioButton6.isSelected()==true)**

**{**

**ntype="GSM ONLY";**

**}**

**if(jRadioButton7.isSelected()==true)**

**{**

**ntype="CDMA";**

**}**

**if(jRadioButton8.isSelected()==true)**

**{**

**camera="yes";**

**}**

**if(jRadioButton9.isSelected()==true)**

**{**

**camera="no";**

**}**

**if(jRadioButton10.isSelected()==true)**

**{**

**gps="yes";**

**}**

**if(jRadioButton11.isSelected()==true)**

**{**

**gps="no";**

**}**

**if(jRadioButton13.isSelected()==true)**

**{**

**snetwork="yes";**

**}**

**if(jRadioButton14.isSelected()==true)**

**{**

**snetwork="no";**

**}**

**if (jCheckBox1.isSelected())**

**{**

**black="yes";**

**}**

**else**

**{**

**black="no";**

**}**

**if (jCheckBox2.isSelected())**

**{**

**white="yes";**

**}**

**else**

**{**

**white="no";**

**}**

**if (jCheckBox3.isSelected())**

**{**

**red="yes";**

**}**

**else**

**{**

**red="no";**

**}**

**if (jCheckBox4.isSelected())**

**{**

**otherco="yes";**

**}**

**else**

**{**

**otherco="no";**

**}**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

**String query="UPDATE mobile SET access='"+access+"',otherspec='"+otherspec+"',black='"+black+"',white='"+white+"',red='"+red+"',otherco='"+otherco+"',qty='"+qty+"',uprice='"+uprice+"' where brand='"+(String)jComboBox1.getSelectedItem()+"' and model='"+jTextField1.getText()+"';";**

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

**stmt.executeUpdate(query);**

**jComboBox1.setSelectedIndex(0);**

**jComboBox2.setSelectedIndex(0);**

**jComboBox3.setSelectedIndex(0);**

**jTextField1.setText("");**

**jTextField2.setText("");**

**jTextField3.setText("");**

**jCheckBox1.setSelected(false);**

**jCheckBox2.setSelected(false);**

**jCheckBox3.setSelected(false);**

**jCheckBox4.setSelected(false);**

**jComboBox1.setEnabled(true);**

**jTextField1.setEditable(true);**

**jTextField1.setEnabled(true);**

**jComboBox2.setEnabled(false);**

**jComboBox3.setEnabled(false);**

**jTextArea1.setEditable(false);**

**jTextArea2.setEditable(false);**

**jTextField2.setEditable(false);**

**jTextField3.setEditable(false);**

**jCheckBox1.setEnabled(false);**

**jCheckBox2.setEnabled(false);**

**jCheckBox3.setEnabled(false);**

**jCheckBox4.setEnabled(false);**

**jRadioButton1.setEnabled(false);**

**jRadioButton2.setEnabled(false);**

**jRadioButton3.setEnabled(false);**

**jRadioButton4.setEnabled(false);**

**jRadioButton5.setEnabled(false);**

**jRadioButton6.setEnabled(false);**

**jRadioButton7.setEnabled(false);**

**jRadioButton8.setEnabled(false);**

**jRadioButton9.setEnabled(false);**

**jRadioButton10.setEnabled(false);**

**jRadioButton11.setEnabled(false);**

**jRadioButton12.setEnabled(false);**

**jRadioButton13.setEnabled(false);**

**jRadioButton14.setEnabled(false);**

**jButton3.setEnabled(false);**

**stmt.close();**

**con.close();**

**JOptionPane.showMessageDialog(null,"ENTER BRAND AND MODEL NO AGAIN TO UPDATE\n ANOTHER MOBILE INFORMTION OTHERWISE PRESS RESET");**

**} catch(Exception e) {**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

**}**

**}**

**}**

# Coding For nmobile.java jButton5(Start Delete/Delete)

**int cal=0;**

**jComboBox2.setEnabled(false);**

**jComboBox3.setEnabled(false);**

**jTextArea1.setEditable(false);**

**jTextArea2.setEditable(false);**

**jTextField2.setEditable(false);**

**jTextField3.setEditable(false);**

**jCheckBox1.setEnabled(false);**

**jCheckBox2.setEnabled(false);**

**jCheckBox3.setEnabled(false);**

**jCheckBox4.setEnabled(false);**

**jRadioButton1.setEnabled(false);**

**jRadioButton2.setEnabled(false);**

**jRadioButton3.setEnabled(false);**

**jRadioButton4.setEnabled(false);**

**jRadioButton5.setEnabled(false);**

**jRadioButton6.setEnabled(false);**

**jRadioButton7.setEnabled(false);**

**jRadioButton8.setEnabled(false);**

**jRadioButton9.setEnabled(false);**

**jRadioButton10.setEnabled(false);**

**jRadioButton11.setEnabled(false);**

**jRadioButton12.setEnabled(false);**

**jRadioButton13.setEnabled(false);**

**jRadioButton14.setEnabled(false);**

**jButton2.setEnabled(false);**

**jButton3.setEnabled(false);**

**if(jButton5.getText().equals("Delete"))**

**try {**

**if(jComboBox1.getSelectedItem().equals("SELECT BRAND")||jTextField1.getText().equals(""))**

**JOptionPane.showMessageDialog(null,"Enter All Values Correctly") ;**

**else**

**{**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**String query="delete from mobile where brand='"+jComboBox1.getSelectedItem()+"' and model='"+jTextField1.getText()+"';";**

**Statement stmt2=con.createStatement();**

**String query2="Select brand,model from mobile;";**

**ResultSet rs=stmt2.executeQuery(query2);**

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

**{**

**String brand=rs.getString("brand");**

**String model=rs.getString("model");**

**if(brand.equals(jComboBox1.getSelectedItem())&&model.equals(jTextField1.getText()))**

**{**

**cal=1;**

**break;**

**}**

**}**

**if(cal==1)**

**{**

**stmt.executeUpdate(query);**

**JOptionPane.showMessageDialog(null,"Record Successfully Deleted");**

**jComboBox1.setSelectedIndex(0);**

**jTextField1.setText("");**

**}**

**else**

**{**

**JOptionPane.showMessageDialog(null,"No Such Record Found");**

**}**

**stmt.close();**

**stmt2.close();**

**con.close();**

**}**

**}**

**catch(Exception e){**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

**}**

**jButton5.setText("Delete");**

**cal=0;**

# Coding For nmobile.java jButton3(Edit)

**jComboBox2.setEnabled(false);**

**jComboBox3.setEnabled(false);**

**jTextArea1.setEditable(false);**

**jTextArea2.setEditable(false);**

**jTextField2.setEditable(false);**

**jTextField3.setEditable(false);**

**jCheckBox1.setEnabled(false);**

**jCheckBox2.setEnabled(false);**

**jCheckBox3.setEnabled(false);**

**jCheckBox4.setEnabled(false);**

**jRadioButton1.setEnabled(false);**

**jRadioButton2.setEnabled(false);**

**jRadioButton3.setEnabled(false);**

**jRadioButton4.setEnabled(false);**

**jRadioButton5.setEnabled(false);**

**jRadioButton6.setEnabled(false);**

**jRadioButton7.setEnabled(false);**

**jRadioButton8.setEnabled(false);**

**jRadioButton9.setEnabled(false);**

**jRadioButton10.setEnabled(false);**

**jRadioButton11.setEnabled(false);**

**jRadioButton12.setEnabled(false);**

**jRadioButton13.setEnabled(false);**

**jRadioButton14.setEnabled(false);**

**jButton2.setText("UPDATE");**

**jButton2.setEnabled(false);**

**jButton3.setEnabled(false);**

**}**

# Coding For nmobile.java jTextField1

**String value=jButton2.getText();**

**if(value.equals("UPDATE"))**

**{**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**String query="select \* from mobile where brand='"+jComboBox1.getSelectedItem()+"' and model='"+jTextField1.getText()+"';";**

**ResultSet rs=stmt.executeQuery(query);**

**if(rs.next())**

**{**

**String mtype=rs.getString("mtype");**

**String mtype1=rs.getString("mtype1");**

**String ntype=rs.getString("ntype");**

**String accer=rs.getString("access");**

**String otherspec=rs.getString("otherspec");**

**String bt=rs.getString("bt");**

**String gprs=rs.getString("gprs");**

**String camera=rs.getString("camera");**

**String gps=rs.getString("gps");**

**String snet=rs.getString("snetwork");**

**String black=rs.getString("black");**

**String white=rs.getString("white");**

**String red=rs.getString("red");**

**String cother=rs.getString("otherco");**

**String qty=rs.getString("qty");**

**String uprice=rs.getString("uprice");**

**jComboBox2.setSelectedItem(mtype);**

**jComboBox3.setSelectedItem(mtype1);**

**jTextArea1.setText(accer);**

**jTextArea2.setText(otherspec);**

**jTextField2.setText(qty);**

**jTextField3.setText(uprice);**

**if( ntype.equals("UMTS/GSM"))**

**{**

**jRadioButton5.setSelected(true);**

**}**

**if( ntype.equals("GSM ONLY"))**

**{**

**jRadioButton6.setSelected(true);**

**}**

**if( ntype.equals("CDMA"))**

**{**

**jRadioButton7.setSelected(true);**

**}**

**if( bt.equals("yes"))**

**{**

**jRadioButton1.setSelected(true);**

**}**

**if( bt.equals("no"))**

**{**

**jRadioButton2.setSelected(true);**

**}**

**if( gprs.equals("yes"))**

**{**

**jRadioButton3.setSelected(true);**

**}**

**if( gprs.equals("no"))**

**{**

**jRadioButton4.setSelected(true);**

**}**

**if( camera.equals("yes"))**

**{**

**jRadioButton8.setSelected(true);**

**}**

**if( camera.equals("no"))**

**{**

**jRadioButton9.setSelected(true);**

**}**

**if( gps.equals("yes"))**

**{**

**jRadioButton10.setSelected(true);**

**}**

**if( gps.equals("no"))**

**{**

**jRadioButton11.setSelected(true);**

**}**

**if( snet.equals("yes"))**

**{**

**jRadioButton13.setSelected(true);**

**}**

**if( snet.equals("no"))**

**{**

**jRadioButton14.setSelected(true);**

**}**

**if( black.equals("yes"))**

**{**

**jCheckBox1.setSelected(true);**

**}**

**else**

**{**

**jCheckBox1.setSelected(false);**

**}**

**if( white.equals("yes"))**

**{**

**jCheckBox2.setSelected(true);**

**}**

**else**

**{**

**jCheckBox2.setSelected(false);**

**}**

**if( red.equals("yes"))**

**{**

**jCheckBox3.setSelected(true);**

**}**

**else**

**{**

**jCheckBox3.setSelected(false);**

**}**

**if( cother.equals("yes"))**

**{**

**jCheckBox4.setSelected(true);**

**}**

**else**

**{**

**jCheckBox4.setSelected(false);**

**}**

**jCheckBox1.setEnabled(true);**

**jCheckBox2.setEnabled(true);**

**jCheckBox3.setEnabled(true);**

**jCheckBox4.setEnabled(true);**

**jTextArea1.setEditable(true);**

**jTextArea2.setEditable(true);**

**jTextField1.setEditable(false);**

**jComboBox1.setEnabled(false);**

**jTextField2.setEditable(true);**

**jTextField3.setEditable(true);**

**jButton2.setEnabled(true);**

**JOptionPane.showMessageDialog(null,"YOU WILL UPDATE ACCESSARIES,OTHER SPECIFICATN\nCOLOR,QUANTITY, UNIT PRICE ONLY");**

**}**

**else**

**{**

**JOptionPane.showMessageDialog(null,"NO RECORD FIND OF "+jComboBox1.getSelectedItem()+" "+jTextField1.getText()+" MODEL NO!!\nTry Another");**

**}**

**} catch(Exception e){**

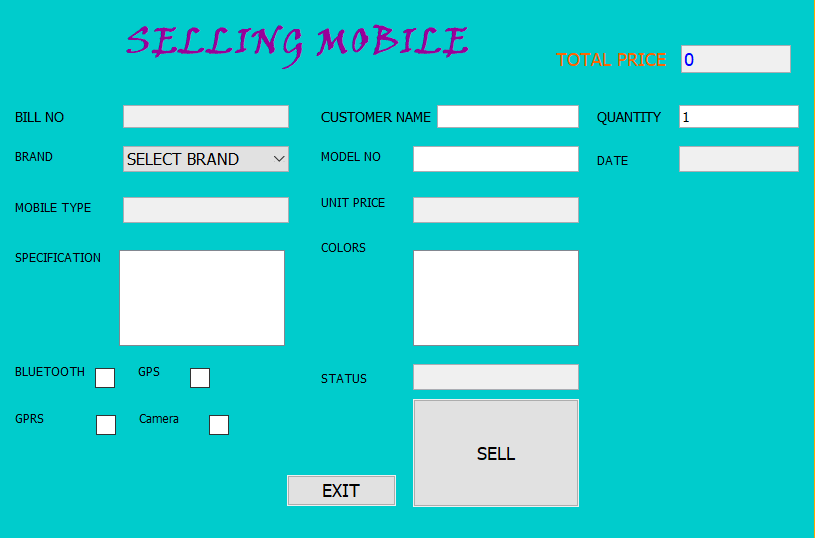
**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

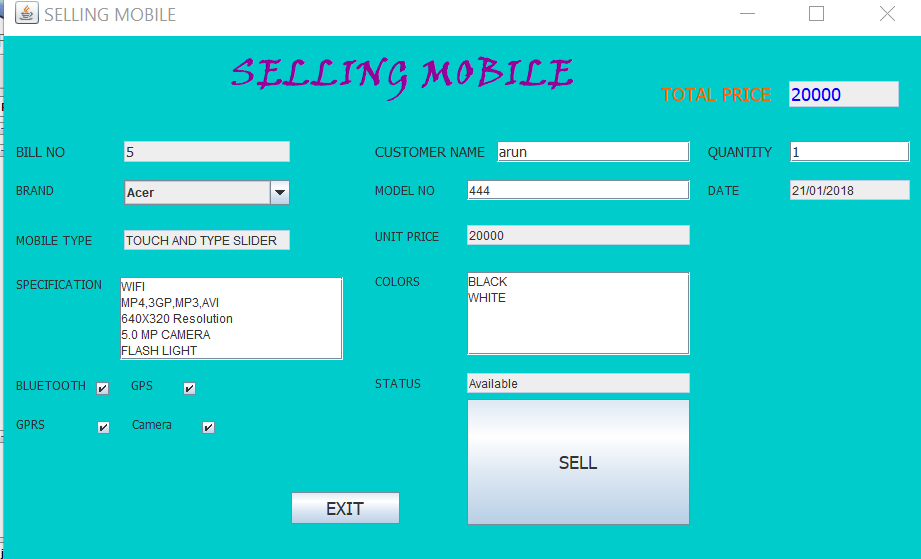
**}**

**}**

# Coding For nmobile.java jButton4(EXIT)

**nmobile.this.dispose();**





# Coding For SELLMOBILE.java jTextField2

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**jTextArea2.setText("");**

**jTextArea1.setText("");**

**String query="select \* from mobile where brand='"+(String)jComboBox2.getSelectedItem()+"' and model="+jTextField2.getText()+";";**

**ResultSet rs=stmt.executeQuery(query);**

**if(rs.next()) {**

**String mtype=rs.getString("mtype");**

**String mtype1=rs.getString("mtype1");**

**String ntype=rs.getString("ntype");**

**String accer=rs.getString("access");**

**String otherspec=rs.getString("otherspec");**

**String bt=rs.getString("bt");**

**String gprs=rs.getString("gprs");**

**String camera=rs.getString("camera");**

**String gps=rs.getString("gps");**

**String snet=rs.getString("snetwork");**

**String black=rs.getString("black");**

**String white=rs.getString("white");**

**String red=rs.getString("red");**

**String cother=rs.getString("otherco");**

**int qty=rs.getInt("qty");**

**String uprice=rs.getString("uprice");**

**jTextArea1.setText(otherspec);**

**jTextField3.setText(mtype);**

**jTextField4.setText(uprice);**

**if( bt.equals("yes")) {**

**jCheckBox1.setSelected(true);**

**}**

**if( bt.equals("no")) {**

**jCheckBox1.setSelected(false);**

**}**

**if( gprs.equals("yes")) {**

**jCheckBox2.setSelected(true);**

**}**

**if( gprs.equals("no")) {**

**jCheckBox1.setSelected(false);**

**}**

**if( camera.equals("yes")) {**

**jCheckBox4.setSelected(true);**

**}**

**if( camera.equals("no")) {**

**jCheckBox4.setSelected(false);**

**}**

**if( gps.equals("yes")) {**

**jCheckBox3.setSelected(true);**

**}**

**if( gps.equals("no")) {**

**jCheckBox3.setSelected(false);**

**}**

**if( black.equals("yes")) {**

**jTextArea2.append("BLACK\n");**

**}**

**if( white.equals("yes")) {**

**jTextArea2.append("WHITE\n");**

**}**

**if( red.equals("yes")) {**

**jTextArea2.append("RED\n");**

**}**

**if( cother.equals("yes")) {**

**jTextArea2.append("OTHER COLOR");**

**}**

**if( qty>0) {**

**jTextField5.setText("Available");**

**}**

**if( qty==0) {**

**jTextField5.setText("Not Available");**

**}**

**} else {**

**JOptionPane.showMessageDialog(null,"NO RECORD FIND OF "+(String)jComboBox2.getSelectedItem()+" "+jTextField2.getText()+" MODEL NO!!\nTry Another");**

**}**

**} catch(Exception e){**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY"); }**

# Coding For SELLMOBILE.java jTextField2

(KeyReleased)

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**jTextArea2.setText("");**

**jTextArea1.setText("");**

**String query="select \* from mobile where brand='"+(String)jComboBox2.getSelectedItem()+"' and model="+jTextField2.getText()+";";**

**ResultSet rs=stmt.executeQuery(query);**

**if(rs.next()) {**

**String mtype=rs.getString("mtype");**

**String mtype1=rs.getString("mtype1");**

**String ntype=rs.getString("ntype");**

**String accer=rs.getString("access");**

**String otherspec=rs.getString("otherspec");**

**String bt=rs.getString("bt");**

**String gprs=rs.getString("gprs");**

**String camera=rs.getString("camera");**

**String gps=rs.getString("gps");**

**String snet=rs.getString("snetwork");**

**String black=rs.getString("black");**

**String white=rs.getString("white");**

**String red=rs.getString("red");**

**String cother=rs.getString("otherco");**

**int qty=rs.getInt("qty");**

**String uprice=rs.getString("uprice");**

**jTextArea1.setText(otherspec);**

**jTextField3.setText(mtype);**

**jTextField4.setText(uprice);**

**if( bt.equals("yes")) {**

**jCheckBox1.setSelected(true);**

**}**

**if( bt.equals("no")) {**

**jCheckBox1.setSelected(false);**

**}**

**if( gprs.equals("yes")) {**

**jCheckBox2.setSelected(true);**

**}**

**if( gprs.equals("no")) {**

**jCheckBox1.setSelected(false);**

**}**

**if( camera.equals("yes")) {**

**jCheckBox4.setSelected(true);**

**}**

**if( camera.equals("no")) {**

**jCheckBox4.setSelected(false);**

**}**

**if( gps.equals("yes")) {**

**jCheckBox3.setSelected(true);**

**}**

**if( gps.equals("no")) {**

**jCheckBox3.setSelected(false);**

**}**

**if( black.equals("yes")) {**

**jTextArea2.append("BLACK\n");**

**}**

**if( white.equals("yes")) {**

**jTextArea2.append("WHITE\n");**

**}**

**if( red.equals("yes")) {**

**jTextArea2.append("RED\n");**

**}**

**if( cother.equals("yes")) {**

**jTextArea2.append("OTHER COLOR");**

**}**

**if( qty>0) {**

**jTextField5.setText("Available");**

**}**

**if( qty==0) {**

**jTextField5.setText("Not Available");**

**}**

**int qty1=rs.getInt("qty");**

**int upr=Integer.parseInt(jTextField4.getText());**

**int qt=Integer.parseInt(jTextField7.getText());**

**if(qt>qty1)**

**{**

**JOptionPane.showMessageDialog(null,"MAXIMUM QUANTITY,Not Available in Stock\nPlease Enter Less Quantity\nTotal Stock Available of this product is"+qty1);**

**jTextField7.setText("0");**

**jButton1.setEnabled(false);**

**}**

**else**

**{**

**jTextField9.setText(""+upr\*qt);**

**jButton1.setEnabled(true);**

**}**

**}**

**} catch(Exception e){**

**JOptionPane.showMessageDialog(null,"Correctly Enter Model No");**

**}**

# Coding For SELLMOBILE.java jTextField7(KeyReleased)

**String val=jTextField4.getText();**

**String qty=jTextField7.getText();**

**if(qty.equals(""))**

**{**

**qty="0";**

**}**

**if(!val.equals(""))**

**{**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**String query="select \* from mobile where brand='"+(String)jComboBox2.getSelectedItem()+"' and model='"+jTextField2.getText()+"';";**

**ResultSet rs=stmt.executeQuery(query);**

**if(rs.next()) {**

**int qty1=rs.getInt("qty");**

**int qt=Integer.parseInt(qty);**

**if(qt>qty1)**

**{**

**JOptionPane.showMessageDialog(null,"MAXIMUM QUANTITY,Not Available in Stock\nPlease Enter Less Quantity\nTotal Stock Available of this product is"+qty1);**

**jTextField7.setText("0");**

**jButton1.setEnabled(false);**

**}**

**else**

**{**

**int upr=Integer.parseInt(jTextField4.getText());**

**jTextField9.setText(""+upr\*qt);**

**jButton1.setEnabled(true);**

**}**

**}**

**} catch(Exception e){**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

**}**

**}**

# Coding For SELLMOBILE.java jButton1(SELL)

**int qty2=Integer.parseInt(jTextField7.getText());**

**String billno=jTextField1.getText();**

**String name=jTextField6.getText();**

**String modelno=jTextField2.getText();**

**String date=jTextField8.getText();**

**String qty=jTextField7.getText();**

**String brand=(String)jComboBox2.getSelectedItem();**

**String uprice=jTextField9.getText();**

**if(name.equals("")||modelno.equals("")||date.equals("")||qty.equals(""))**

**JOptionPane.showMessageDialog(null, "First Enter All Values Correctly");**

**else**

**{**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**Statement stmt2=con.createStatement();**

**String query="insert into sell values('"+billno+"','"+brand+"','"+modelno+"','"+date+"','"+name+"','"+qty+"','"+uprice+"');";**

**String query2="update mobile set qty=qty-"+qty2+";";**

**stmt.executeUpdate(query);**

**stmt2.executeUpdate(query2);**

**jTextField2.setText("");**

**jTextField3.setText("");**

**jTextField4.setText("");**

**jTextField5.setText("");**

**jTextField6.setText("");**

**jTextArea1.setText("");**

**jTextArea2.setText("");**

**jComboBox2.setSelectedIndex(0);**

**jCheckBox1.setSelected(false);**

**jCheckBox2.setSelected(false);**

**jCheckBox3.setSelected(false);**

**jCheckBox4.setSelected(false);**

**jTextField7.setText("1");**

**stmt.close();**

**con.close();**

**JOptionPane.showMessageDialog(null, "Mobile Sold Successfully");**

**} catch(Exception e)**

**{**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

**}**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**String query="select billno from sell;";**

**ResultSet rs=stmt.executeQuery(query);**

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

**{**

**int a=rs.getInt("billno");**

**if (a>0)**

**{**

**a=a+1;**

**jTextField1.setText(""+a);**

**}**

**}**

**stmt.close();**

**con.close();**

**} catch(Exception e){**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

**}**

**}**

**String value=(String)jTextField1.getText();**

**if (value.equals(""))**

**{**

**jTextField1.setText("1");**

**}**

**Calendar currentDate = Calendar.getInstance();**

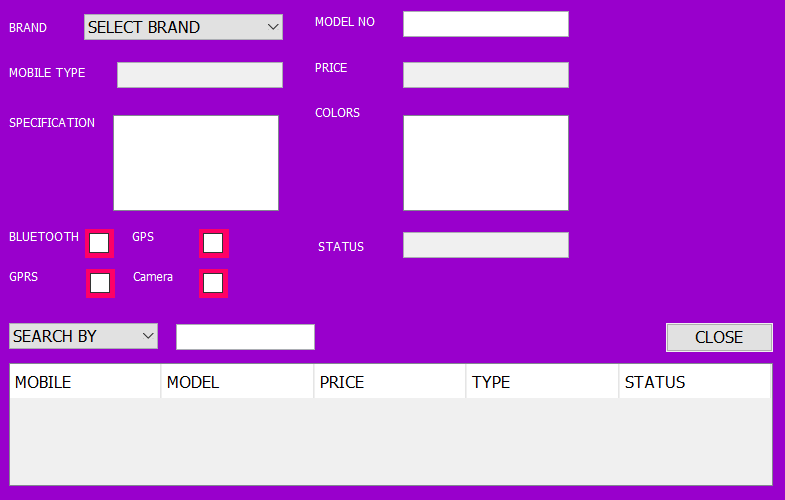
**SimpleDateFormat formatter= new SimpleDateFormat("dd/MM/yyyy");**

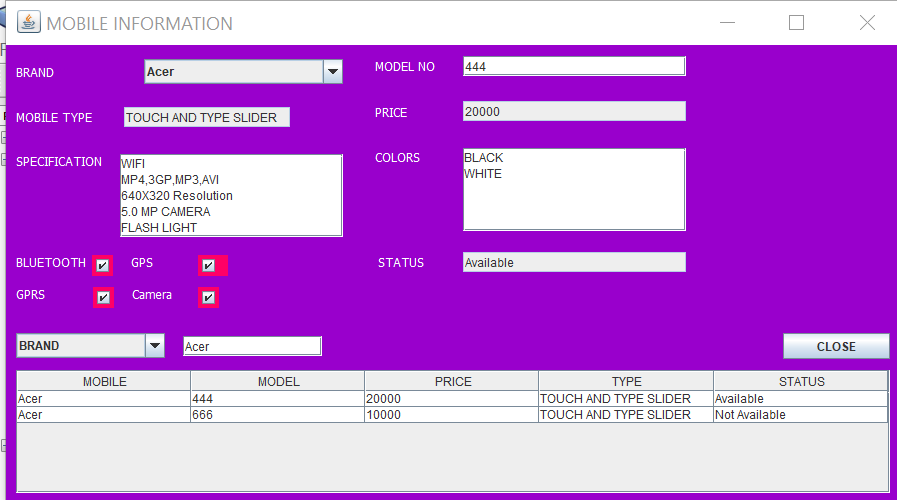
**String dateNow = formatter.format(currentDate.getTime());**

**jTextField8.setText(dateNow);**

# Coding For SELLMOBILE.java jButton2(EXIT)

**SELLMOBILE.this.dispose();**

****



# Coding For MOBILEINFORMATION.java jTextField2

**if(jTextField2.getText().equals("")||jComboBox2.getSelectedItem().equals("SELECT BRAND"))**

**JOptionPane.showMessageDialog(null,"Enter Brand And Model No first");**

**else**

**{**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**jLabel12.setText("");**

**jTextArea2.setText("");**

**jTextArea1.setText("");**

**String query="select \* from mobile where brand='"+(String)jComboBox2.getSelectedItem()+"' and model='"+jTextField2.getText()+"';";**

**ResultSet rs=stmt.executeQuery(query);**

**if(rs.next()) {**

**String mtype=rs.getString("mtype");**

**String mtype1=rs.getString("mtype1");**

**String ntype=rs.getString("ntype");**

**String accer=rs.getString("access");**

**String otherspec=rs.getString("otherspec");**

**String bt=rs.getString("bt");**

**String gprs=rs.getString("gprs");**

**String camera=rs.getString("camera");**

**String gps=rs.getString("gps");**

**String snet=rs.getString("snetwork");**

**String black=rs.getString("black");**

**String white=rs.getString("white");**

**String red=rs.getString("red");**

**String other=rs.getString("otherco");**

**int qty=rs.getInt("qty");**

**String uprice=rs.getString("uprice");**

**jTextArea1.setText(otherspec);**

**jTextField3.setText(mtype);**

**jTextField4.setText(uprice);**

**if( bt.equals("yes")) {**

**jCheckBox1.setSelected(true);**

**}**

**if( bt.equals("no")) {**

**jCheckBox1.setSelected(false);**

**}**

**if( gprs.equals("yes")) {**

**jCheckBox2.setSelected(true);**

**}**

**if( gprs.equals("no")) {**

**jCheckBox1.setSelected(false);**

**}**

**if( camera.equals("yes")) {**

**jCheckBox4.setSelected(true);**

**}**

**if( camera.equals("no")) {**

**jCheckBox4.setSelected(false);**

**}**

**if( gps.equals("yes")) {**

**jCheckBox3.setSelected(true);**

**}**

**if( gps.equals("no")) {**

**jCheckBox3.setSelected(false);**

**}**

**if( black.equals("yes")) {**

**jTextArea2.append("BLACK\n");**

**}**

**if( white.equals("yes")) {**

**jTextArea2.append("WHITE\n");**

**}**

**if( red.equals("yes")) {**

**jTextArea2.append("RED\n");**

**}**

**if( other.equals("yes")) {**

**jTextArea2.append("OTHER COLOR");**

**}**

**if( qty>0)**

**{**

**jTextField5.setText("Available");**

**}**

**if( qty==0)**

**{**

**jTextField5.setText("Not Available");**

**}**

**stmt.close();**

**con.close();**

**}**

**else {**

**JOptionPane.showMessageDialog(null,"NO RECORD FIND OF "+jComboBox2.getSelectedItem()+" "+jTextField2.getText()+" MODEL NO!!\nTry Another");**

**}**

**} catch(Exception e){**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

**}**

**}**

# Coding For MOBILEINFORMATION.java jTextField1

**if(jComboBox1.getSelectedItem().equals("SEARCH BY"))**

**JOptionPane.showMessageDialog(null,"Enter Any Filter first");**

**else**

**{**

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

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**int rows=model.getRowCount();**

**if(rows>0) {**

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

**model.removeRow(0);**

**}**

**}**

**String value=(String)jComboBox1.getSelectedItem();**

**String brnd=null;**

**String query=null;**

**if(value.equals("MODEL NO"))**

**{**

**brnd="model";**

**query="select \* from mobile where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("BRAND"))**

**{**

**brnd="brand";**

**query="select \* from mobile where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("MOBILE TYPE"))**

**{**

**brnd="mtype";**

**query="select \* from mobile where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("PRICE"))**

**{**

**brnd="uprice";**

**int val1=0;**

**int val2=0;**

**int val=Integer.parseInt(jTextField1.getText());**

**val1=val-700;**

**val2=val+1000;**

**query="select \* from mobile where "+brnd+" between "+val1+" and "+val2+";";**

**}**

**ResultSet rs=stmt.executeQuery(query);**

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

**String brand=rs.getString("brand");**

**String mtype=rs.getString("mtype");**

**String modelno=rs.getString("model");**

**int qty=rs.getInt("qty");**

**String uprice=rs.getString("uprice");**

**String status=null;**

**if( qty>0)**

**{**

**status="Available";**

**}**

**if( qty==0)**

**{**

**status="Not Available";**

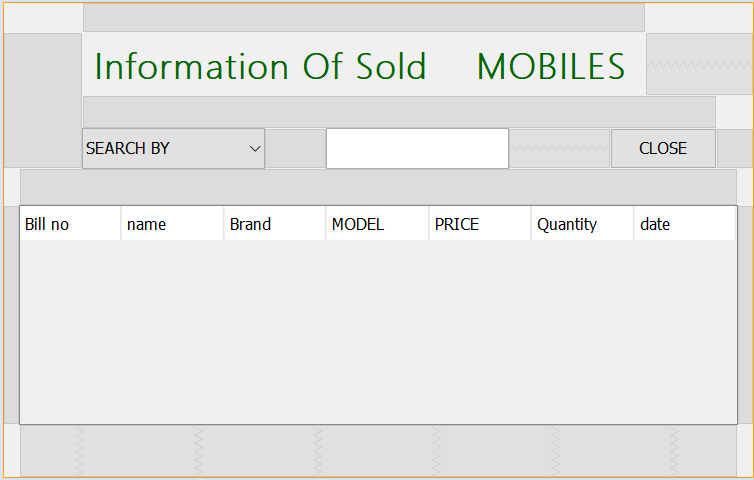
**}**

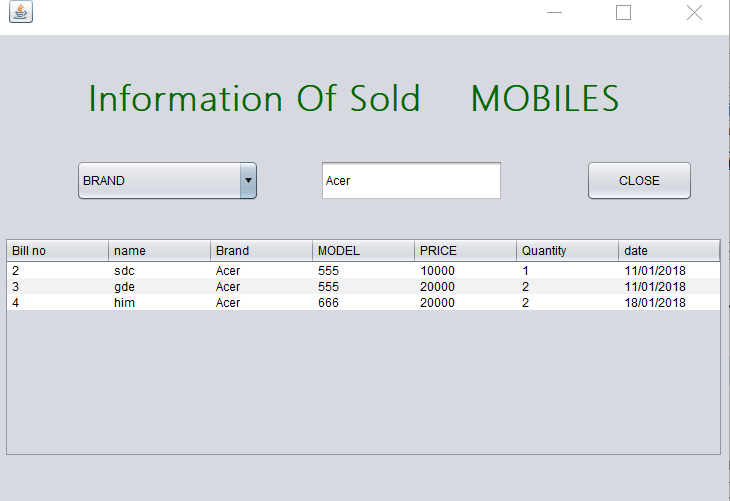
**model.addRow(new Object[]{brand,modelno,uprice,mtype,status});**

**}**

**} catch(Exception e){**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY") } }**

****



# Coding For SoldMobiles.java jTextField1

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

**if(jComboBox1.getSelectedItem().equals("SEARCH BY")||jTextField1.getText().equals(""))**

**{**

**JOptionPane.showMessageDialog(null,"Select Any One Filter From ComboBox and Write Filtering Value");**

**}**

**else**

**{**

**try {**

**Class.forName("com.mysql.jdbc.Driver");**

**String UID="root";**

**String PWD="Tyson";**

**String connectionUrl = "jdbc:mysql://localhost:3306/mobilestore";**

**Connection con=DriverManager.getConnection(connectionUrl,UID,PWD);**

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

**int rows=model.getRowCount();**

**if(rows>0) {**

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

**model.removeRow(0);**

**}**

**}**

**String value=(String)jComboBox1.getSelectedItem();**

**String brnd=null;**

**String query=null;**

**if(value.equals("MODEL NO"))**

**{**

**brnd="modelno";**

**query="select \* from sell where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("BRAND"))**

**{**

**brnd="brand";**

**query="select \* from sell where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("Bill no"))**

**{**

**brnd="billno";**

**query="select \* from sell where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("name"))**

**{**

**brnd="name";**

**query="select \* from sell where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("date"))**

**{**

**brnd="date";**

**query="select \* from sell where "+brnd+"='"+jTextField1.getText()+"';";**

**}**

**if(value.equals("PRICE"))**

**{**

**brnd="uprice";**

**int val1=0;**

**int val2=0;**

**int val=Integer.parseInt(jTextField1.getText());**

**val1=val-700;**

**val2=val+1000;**

**query="select \* from sell where "+brnd+" between "+val1+" and "+val2+";";**

**}**

**ResultSet rs=stmt.executeQuery(query);**

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

**String brand=rs.getString("brand");**

**String billno=rs.getString("billno");**

**String modelno=rs.getString("modelno");**

**int qty=rs.getInt("qty");**

**String uprice=rs.getString("uprice");**

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

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

**model.addRow(new Object[]{billno,name,brand,modelno,uprice,qty,date});**

**}**

**} catch(Exception e){**

**JOptionPane.showMessageDialog(null,"ERROR IN CONNECTIVITY");**

**}**

**}**

Practical 1

Aim: create an XML document to represent various computer parts.Each part has its item name,manufacturer,model and cost.Choose data of your choice.

<>?xml version="1.0" encoding="UTF-8" standalone="no"?>

<?xml-stylesheet type="css" href="parts.css"?>

<PARTS>

<TITLE>Computer Parts</TITLE>

<PART>

<PARTNAME>Motherboard</PARTNAME>

<MANUFACTURER>ASUS</MANUFACTURER>

<MODEL>P38-F</MODEL>

<COST>12300.00</COST>

</PART>

<PART>

<PARTNAME>Video Card </PARTNAME>

<MANUFACTURER>ATI</MANUFACTURER>

<MODEL>All-in-wonder Pro </MODEL>

<COST>1600.00</COST>

</PART>

<PART>

<PARTNAME>Sound Card</PARTNAME>

<MANUFACTURER>Creative Labs</MANUFACURER>

<MODEL>Sound Blaster Live</MODEL>

<COST>800.00</COST>

</PART>

<PART>

<PARTNAME>17 inch Monitor</PARTNAME>

<MANUFACTURER>LG Electronics</MANUFACTURER>

<MODEL>996E</MODEL>

<COST>22900</COST>

</PART></PARTS>

## parts.css

PARTS {display:block}

TITLE {display:block;font-family:arial;color:#008000;font-weight:600;

font-size:16;margin-top:12pt;text-align:center}

PART {display:block}

PARTNAME {display:block;font-family:arial;color:#000080;font-weight:400;

margin-left:10pt;margin-top:10pt;font-size:14}

MANUFACTURER {display:block;font-family:arial;color:#600060;font-weight:400;

margin-left:30pt;margin-top:10pt;font-size:14}

MODEL {display:block;font-family:arial;color:#006000;font-weight:400;

margin-left:30pt;margin-top:10pt;font-size:14}

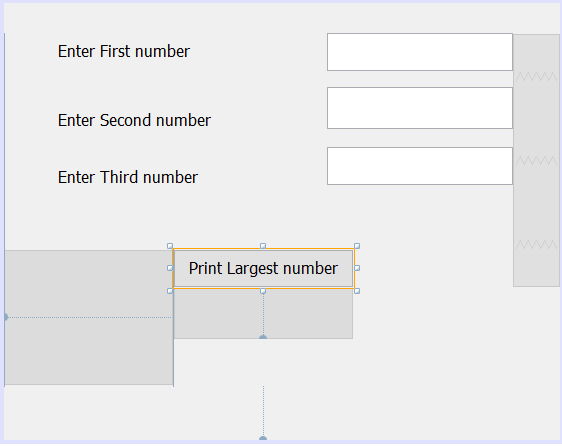
COST {display:block;font-family:arial;color:#800000;font-weight:400;

margin-left:30pt;margin-top:5pt;font-size:14}

Practical 2

Aim:To find larger number among any three numbers

Coding:code for jButton1(Print Largest Number)

******

Int num1=Integer.parseInt(jTextField1.getText());

int num2=Integer.parseInt(jTextField2.getText());

int num3=Integer.parseInt(jTextField3.getText());

int max=num1;

if(max<num2)

max=num2;

if(max<num3)

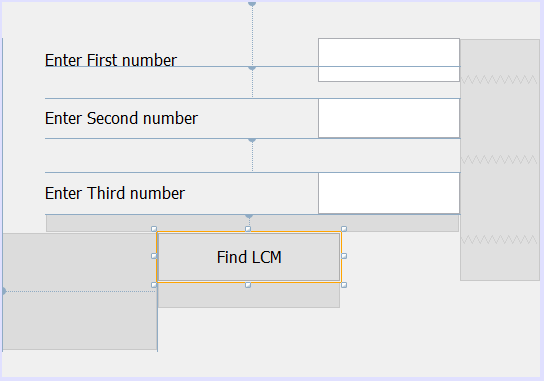
max=num3;

jLabel1.setText(""+max);

Practical 3

Aim:find LCM of any three numbers

Coding:code for jButton1(Find LCM)

******

int num1=Integer.parseInt(jTextField1.getText());

int num2=Integer.parseInt(jTextField2.getText());

int num3=Integer.parseInt(jTextField3.getText());

int max=num1;

if(max<num2)

max=num2;

if(max<num3)

max=num3;

int c=max,f=2;

while(true)

{

if(c%num1==0&&c%num2==0&&c%num3==0)

{

jLabel4.setText(""+c);

break;

}

else

{

c=max\*f;

f++;

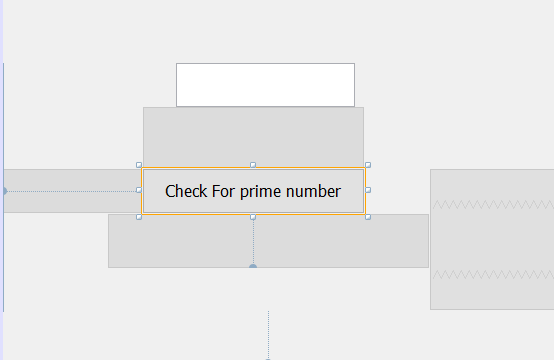
}

}

Practical 4

Aim:Check Whether Given number is Prime Or not

Coding:code for jButton1(Check For Prime Number)



int num=Integer.parseInt(jTextField1.getText());

jLabel1.setText("Given number is a Prime number");

for(int x=2;x<num;x++)

{

if(num%x==0)

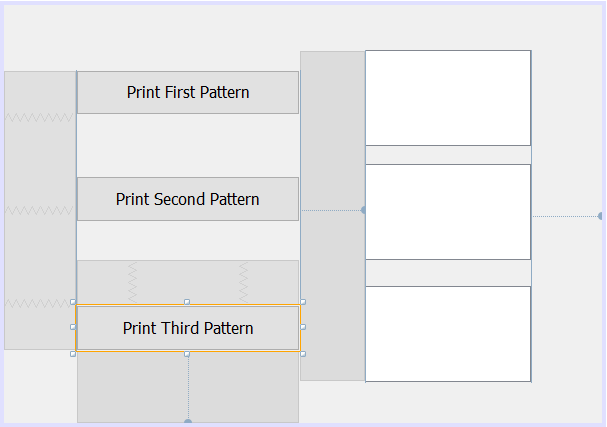
jLabel1.setText("Given number is not a Prime number");

}

Practical 5

Aim:Print the Given Pattern

Coding:code for jButton1(Print First Pattern)



String str="ABC";

int x=0;

for( x=0;x<str.length();x++)

{

for(int y=0;y<=x;y++)

{

char ch=str.charAt(y);

jTextArea1.append(""+ch);

}

jTextArea1.append("\n");

}

Coding:code for jButton3(Print Second Pattern)

String str="ABC";

int x=0;

for( x=0;x<str.length();x++)

{

for(int y=0;y<=x;y++)

{

char ch=str.charAt(y);

jTextArea1.append(""+ch);

}

jTextArea1.append("\n");

}

Coding:code for jButton2(Print Third Number)

String str="ABCDE";

int x=0,c=0;

for( x=0;x<3;x++)

{

for(int y=x;y<=c;y++)

{

char ch=str.charAt(y);

jTextArea3.append(""+ch);

}

jTextArea3.append("\n");

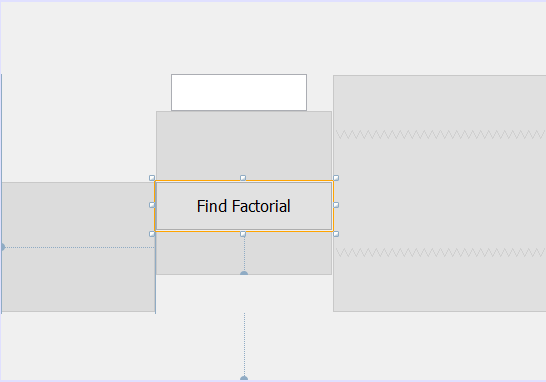
c+=2;

}

Practical 6

Aim:Find the factorial value of the given number

Coding:code for jButton1(Find Factorial)



int num=Integer.parseInt(jTextField1.getText());

int x=0,f=1;

for(x=num;x>0;x--)

{

f\*=x;

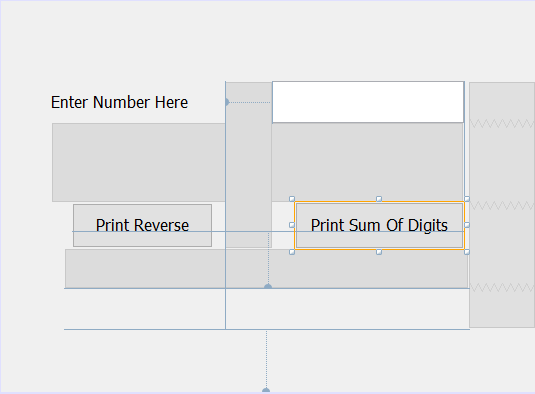
}

jLabel1.setText(""+f);

Practical 7

Aim:find reverse of the number and sum of digit of a given number

Coding:code for jButton1(Print Reverse)

******

int num=Integer.parseInt(jTextField1.getText());

int r=0,rev=0;

while(num>0)

{

r=num%10;

rev=rev\*10+r;

num/=10;

}

jLabel1.setText(""+rev);

Coding:code for jButton2(Print Sum of digits)

int num=Integer.parseInt(jTextField1.getText());

int term=0,r=0;

while(num>0)

{

r=num%10;

term=term+r;

num/=10;

}

jLabel2.setText(""+term);

Practical 8

Aim:(Workshop 8.1)Create a java GUI application that obtains the serach criteria from the user and retrieves data from the database based on that

Create database employee;

create table empl(

-> empno int(6),

-> ename varchar(15),

-> job varchar(15),

-> mgr int(5),

-> hiredate varchar(15),

-> sal int(5),

-> comm int(6),

-> deptno int(4));

desc empl;

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

| Field | Type | Null | Key | Default | Extra |

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

| empno | int(6) | YES | | NULL | |

| ename | varchar(15) | YES | | NULL | |

| job | varchar(15) | YES | | NULL | |

| mgr | int(5) | YES | | NULL | |

| hiredate | varchar(15) | YES | | NULL | |

| sal | int(5) | YES | | NULL | |

| comm | int(6) | YES | | NULL | |

| deptno | int(4) | YES | | NULL | |

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

8 rows in set (0.07 sec)

insert into empl values(8369,"Smith","Clerk",8902,"18 dec,1990",800,null,20);

insert into empl values (8521,"Seth","Salesman",8698,"22 feb,1991",1250,500,30);

Query OK, 1 row affected (0.05 sec)

insert into empl values (8566,"Mahadevan","Manager",8839,"2 apr,1991",2985,null,20);

Query OK, 1 row affected (0.29 sec)

mysql> insert into empl values (8844,"kuldeep","Salesman",8698,"8 sep,1991",1500,0,30);

Query OK, 1 row affected (0.05 sec)

mysql> insert into empl values (8888,"Scott","Analyst",8566,"9 dec,1992",3000,null,20);

Query OK, 1 row affected (0.30 sec)

mysql> insert into empl values (8839,"Amir","President",null,"18 Nov,1991",5000,null,10);

Query OK, 1 row affected (0.05 sec)

mysql> insert into empl values (8882,"Shivansh","Manager",8839,"9 june,1991",2450,null,10);

Query OK, 1 row affected (0.30 sec)

Select \* from empl;

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

| empno | ename | job | mgr | hiredate | sal | comm | deptno |

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

| 8369 | Smith | Clerk | 8902 | 18 dec,1990 | 800 | NULL | 20 |

| 8499 | Anya | Salesman | 8698 | 20 feb,1991 | 1600 | 300 | 30 |

| 8521 | Seth | Salesman | 8698 | 22 feb,1991 | 1250 | 500 | 30 |

| 8566 | Mahadevan | Manager | 8839 | 2 apr,1991 | 2985 | NULL | 20 |

| 8844 | kuldeep | Salesman | 8698 | 8 sep,1991 | 1500 | 0 | 30 |

| 8888 | Scott | Analyst | 8566 | 9 dec,1992 | 3000 | NULL | 20 |

| 8839 | Amir | President | NULL | 18 Nov,1991 | 5000 | NULL | 10 |

| 8882 | Shivansh | Manager | 8839 | 9 june,1991 | 2450 | NULL | 10 |

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

8 rows in set (0.00 sec)

# Code:coding for jButton1

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

Int rows=model.getRowCount();

If(rows>0)

{

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

model.removeRow(0);

}

# Code :Coding for jButton2

emptyBtn.doClick();

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

try{

Class.forName(“jave.sql.Driver”);

Connection con=DriverManager.getConnection(“jdbc:mysql://localhost/test”,”root”,”tiger”);

Statement stmt=con.createStatement();

String sfld=(String)srchFldCBX.getSelectedItem();

String op=(String)opCBX.getSelectedItem();

String crit=criteriaTF.getText();

String query=”select empno,ename,job,hiredate,sal,deptno,from empl where “+sfld+””+op+””+crit+”;”;

ResultSet rs=stmt.executeQuery(query);

while(rs.next())

{

model.addRow(new Object[]{

rs.getInt(1),rs.getString(2),rs.getString(3),rs.getDate(4),rs.getFloat(5),rs.getInt(6)});

rs.close();

stmt.close();

con.close();

}

catch(Exception e)

{

JOptionPane.showMessageDialog(null,”Error In Connectivity”);

}

BIBLIOGRAPHY

IP Book Class 11th And 12th

[www.google.com](http://www.google.com)

www.java.com