4/23/2017

Made by

Microsoft

JAVA PROJECT

Online Toy Shop : Toy Universe

**import java.sql.\*;**

**import javax.swing.JOptionPane;**

**import javax.swing.DefaultListModel;**

**import javax.swing.table.DefaultTableModel;**

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

**// TODO add your handling code here:**

searchBtn.setEnabled(true);

dispLabel1.setText("Enter lower limit");

dispLabel1.setEnabled(true);

lowerTF.setEnabled(true);

lowerTF.setText("");

dispLabel2.setText("Enter uppper limit");

dispLabel2.setEnabled(true);

upperTF.setEnabled(true);

upperTF.setText("");

**}**

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

**// TODO add your handling code here:**

searchBtn.setEnabled(true);

dispLabel1.setText("Enter Age");

dispLabel1.setEnabled(true);

lowerTF.setText("");

lowerTF.setEnabled(true);

dispLabel2.setEnabled(false);

dispLabel2.setText("");

upperTF.setText("");

upperTF.setEnabled(false);

**}**

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

**// TODO add your handling code here:**

searchBtn.setEnabled(true);

dispLabel1.setText("Enter Toy Name");

dispLabel1.setEnabled(true);

lowerTF.setText("");

lowerTF.setEnabled(true);

dispLabel2.setEnabled(false);

dispLabel2.setText("");

upperTF.setText("");

upperTF.setEnabled(false);

**}**

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

**// TODO add your handling code here:**

searchBtn.setEnabled(true);

dispLabel1.setText("");

dispLabel1.setEnabled(false);

lowerTF.setText("");

lowerTF.setEnabled(false);

dispLabel2.setEnabled(false);

dispLabel2.setText("");

upperTF.setText("");

upperTF.setEnabled(false);

**}**

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

**// TODO add your handling code here:**

**}**

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

**// TODO add your handling code here:**

**}**

**void emptyList() {**

toyList.clearSelection();

DefaultListModel model=(DefaultListModel)toyList.getModel();

while(model.getSize()>0)

model.remove(0);

**}**

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

**// TODO add your handling code here:**

emptyList();

String filter="";

int n=1; //if n=1 then filter="" else if n=0 then filter has some lines of data

if(srchAllRB.isSelected())

{

filter="WHERE name like '%'";

n=0;

}

else

if(srchNameRB.isSelected())

{

filter="WHERE name ='"+ lowerTF.getText()+"'";

n=0;

}

else

if(srchPriceRB.isSelected())

{

String slowerTF=lowerTF.getText();

if("".equals(slowerTF))

{

JOptionPane.showMessageDialog(null,"Please enter Price Range of Toy to be searched.");

}

else

{

float priceL=Float.parseFloat(slowerTF);

float priceF=Float.parseFloat(upperTF.getText());

if((priceL<150&&priceF<150)||(priceL>400&&priceF>400)||(priceL>priceF))

{

upperTF.setText("");

lowerTF.setText("");

JOptionPane.showMessageDialog(null,"The price you have enter is not avalible here.\nPlease enter price range as specified against your choice.");

}

else

{

filter="WHERE price>="+priceL+" and price<="+priceF;

n=0;

}

}

}

else

if(srchAgeRB.isSelected())

{

String s2lowerTF=lowerTF.getText();

if("".equals(s2lowerTF))

{

JOptionPane.showMessageDialog(null,"Please enter Age of Toy to be searched.");

}

else

{

float agef=Float.parseFloat(s2lowerTF);

int age=(int)agef;

if(age<2||age>13)

{

lowerTF.setText("");

JOptionPane.showMessageDialog(null,"Please enter age within range 2 and 13");

}

else

{

filter="WHERE agegrouplowerlimit <="+age+" and agegroupupperlimit >="+age;

n=0;

}

}

}

else

{

JOptionPane.showMessageDialog(null,"Please select the search criteria with which you want to search the toy.");

}

if(n==0)// this body of if is executed only when filter != ""

{

int count=0;

String query = "SELECT name from toys "+filter+";";

DefaultListModel model=(DefaultListModel)toyList.getModel();

try{

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

String DB\_URL= "jdbc:mysql://localhost/toy\_e?zeroDateTimeBehavior=convertToNull";

Connection con= DriverManager.getConnection(DB\_URL,”root”,”0000”);

Statement stmt= con.createStatement();

ResultSet rs = stmt.executeQuery(query);

while(rs.next())

{

model.add(count,rs.getString("name"));

count++;

}

rs.close();

stmt.close();

con.close();

}

catch(ClassNotFoundException | SQLException e){

JOptionPane.showMessageDialog(null,"Error in search connectivity");

}

ordQtyTF.setEnabled(false);

}

**}**

**private void toyListValueChanged(javax.swing.event.ListSelectionEvent evt) {**

**// TODO add your handling code here:**

ordQtyTF.setText("0");

String selVal=(String)toyList.getSelectedValue();

if(selVal!=null)//this is to remove NullPointerExeception

{

if(selVal.equals("Furreal Zambi"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/furreal\_zambi.jpg")));

else

if(selVal.equals("Battle Pack"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/battle\_pack.jpg")));

else

if(selVal.equals("Kidie Zone"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/kidie\_zone.jpg")));

else

if(selVal.equals("Robot Truck"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/robot\_truck.jpg")));

else

if(selVal.equals("Barbie Doll"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/barbie\_doll.jpg")));

else

if(selVal.equals("Rubik 360 Puzzle"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/rubik\_360\_puzzle.jpg")));

else

if(selVal.equals("Talking De Li"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/talking\_de\_li.jpg")));

else

if(selVal.equals("Go go Pets"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/go\_go\_pets.jpg")));

else

if(selVal.equals("Racing Car"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/racing\_car.jpg")));

else

if(selVal.equals("Bendaroos Mega Pack"))

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/newpackage/bendaroos\_mega\_pack.jpg")));

else

{

JOptionPane.showMessageDialog(null,"selVal value = "+selVal+" does not match hence no Image to show");

}

String query="SELECT \* FROM toys WHERE name='"+selVal+"';";

try{

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

String DB\_URL= "jdbc:mysql://localhost/toy\_e?zeroDateTimeBehavior=convertToNull";

Connection con= DriverManager.getConnection(DB\_URL,”root”,”0000”);

Statement stmt= con.createStatement();

ResultSet rs = stmt.executeQuery(query);

rs.next();

if(selVal!=null)

{

tCodeLbl.setText(""+rs.getInt(1));

tNameLbl.setText(rs.getString(2));

tDesLbl.setText(rs.getString(3));

tQtyLbl.setText(""+rs.getInt(4));

tageGrpLbl.setText(""+rs.getInt(5)+" to"+rs.getInt(6));

tPriceLbl.setText(""+rs.getFloat(8));

}

rs.close();

stmt.close();

con.close();

}

catch(ClassNotFoundException | SQLException e){

JOptionPane.showMessageDialog(null,"Error in toy connectivity");

}

confirmBtn.setEnabled(true);

buyCB.setEnabled(true);

}

**}**

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

**// TODO add your handling code here:**

if(buyCB.isSelected())

{

ordQtyTF.setEnabled(true);

ordQtyTF.setText("0");

}

else

{

ordQtyTF.setEnabled(false);

}

**}**

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

**// TODO add your handling code here:**

if(buyCB.isSelected())

{

String stQtyLbl=tQtyLbl.getText();

if(stQtyLbl!=" ")

{

int qtyA=Integer.parseInt(stQtyLbl);

float qtyOf=Float.parseFloat(ordQtyTF.getText());

int qtyO=(int)qtyOf;

ordQtyTF.setText(""+qtyO);

if(qtyO>0)

{

if(qtyO>qtyA)

JOptionPane.showMessageDialog(rootPane,"Only "+qtyA+" items of ToyCode "+tCodeLbl.getText() +" are in stock! \nSorry, Cannot take your order.");

else

{

float amt=qtyO\*Float.parseFloat(tPriceLbl.getText());

float total=Float.parseFloat(totAmtLbl.getText());

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

int tc=Integer.parseInt(tCodeLbl.getText());

String qry="UPDATE toys SET qtyinstock = qtyinstock - "+qtyO+" WHERE toycode=”+tc+”;”;

try{

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

String DB\_URL="jdbc:mysql://localhost/toy\_e?zeroDateTimeBehavior=convertToNull";

Connection con = DriverManager.getConnection(DB\_URL,”root”,”0000”);

Statement stmt = con.createStatement();

stmt.executeUpdate(qry);

//now adding to order table

model.addRow(new Object[]{

tCodeLbl.getText(),tNameLbl.getText(),tPriceLbl.getText(),qtyO,amt});

total=total+amt;

totAmtLbl.setText(""+total);

ordQtyTF.setEnabled(false);

buyCB.setSelected(false);

qtyA=qtyA-qtyO;

tQtyLbl.setText(""+qtyA);

}

catch(ClassNotFoundException | SQLException e){

JOptionPane.showMessageDialog(null,"Error in connectivity");

}

}

}

else

if(qtyO==0)

JOptionPane.showMessageDialog(null,"Please enter quantity first.");

else

JOptionPane.showMessageDialog(null,"Please enter positive integer value for quantity.");

}

else

JOptionPane.showMessageDialog(null,"Please Select Toy first.");

}

else

JOptionPane.showMessageDialog(null,"Please first select \"Buy Check Box\" and then enter quantity.");

**}**

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

**// TODO add your handling code here:**

float total=Float.parseFloat(totAmtLbl.getText());

if(total==0)

JOptionPane.showMessageDialog(null,"You have not placed any order.\nPlease place an order and then submit.");

else

JOptionPane.showMessageDialog(null,"Your order has been submitted successfully.\nYour Total Amount is "+total);

**}**

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

**// TODO add your handling code here:**

JOptionPane.showMessageDialog(null,"Thank you for using the E-business application");

System.exit(0);

**}**

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

**// TODO add your handling code here:**

main(new String[]{"a","b","c"});

**}**

**public static void main(String args[]) {**

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html\*/

try{

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels())

{

if ("Nimbus".equals(info.getName()))

{

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

}

catch(ClassNotFoundException ex){

java.util.logging.Logger.getLogger(eBusinessApp.class.getName()).log(java.util.logging.Level.SEVERE,null,ex);

}

catch(InstantiationException ex){

java.util.logging.Logger.getLogger(eBusinessApp.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

catch(IllegalAccessException ex){

java.util.logging.Logger.getLogger(eBusinessApp.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

catch(javax.swing.UnsupportedLookAndFeelException ex){

java.util.logging.Logger.getLogger(eBusinessApp.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(()->{

new eBusinessApp().setVisible(true);

});

**}**