**MAIN MENU**

import java.awt.Component;

import java.awt.Toolkit;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import static my.reuse.Connections.closeConnection;

import static my.reuse.Connections.makeConnection;

public class MainMenu extends javax.swing.JFrame {

public MainMenu() {

initComponents();

x = jPanel3.getX();

y = jPanel3.getY();

h = jPanel3.getHeight();

w = jPanel3.getWidth(); }

int x,y,w,h;

@SuppressWarnings("unchecked")

private void initComponents() {

jScrollPane1 = new javax.swing.JScrollPane();

jList1 = new javax.swing.JList<>();

jProgressBar1 = new javax.swing.JProgressBar();

jPanel1 = new javax.swing.JPanel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jPanel2 = new javax.swing.JPanel();

jPanel3 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jTextField4 = new javax.swing.JTextField();

jTextField5 = new javax.swing.JTextField();

jLabel5 = new javax.swing.JLabel();

jButton5 = new javax.swing.JButton();

jTextField6 = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jList1.setModel(new javax.swing.AbstractListModel<String>() {

String[] strings = { "Item 1", "Item 2", "Item 3", "Item 4", "Item 5" };

public int getSize() { return strings.length; }

public String getElementAt(int i) { return strings[i]; } });

jScrollPane1.setViewportView(jList1);

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle(" Book Shop");

setResizable(false);

jPanel1.setBorder(javax.swing.BorderFactory.createEtchedBorder());

jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/insert.png")));

jButton1.setText("Insert Book");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt); } });

jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/delete.png")));

jButton2.setText("Delete Book");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt); } });

jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/search.png")));

jButton3.setText("Search Book");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt); } });

jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/refresh.png")));

jButton4.setText("Update Book");

jButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton4ActionPerformed(evt); } });

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING) .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 164, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false) .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT\_SIZE, 164, Short.MAX\_VALUE)

.addComponent(jButton4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))

.addContainerGap(20, Short.MAX\_VALUE)) );

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup() .addGap(58, 58, 58)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(62, 62, 62)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE) .addGap(65, 65, 65)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE) .addGap(65, 65, 65)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)) );

jPanel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder("Add a new book"));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel1.setText("Book Title");

jLabel1.setPreferredSize(new java.awt.Dimension(75, 14));

jTextField1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField2.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

jTextField2KeyTyped(evt); } });

jTextField3.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField3.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

jTextField3KeyTyped(evt); } });

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel2.setText("Author");

jLabel2.setPreferredSize(new java.awt.Dimension(75, 14));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel3.setText("Publisher");

jLabel3.setPreferredSize(new java.awt.Dimension(75, 14));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel4.setText("Price");

jLabel4.setPreferredSize(new java.awt.Dimension(75, 14));

jTextField4.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField4.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

jTextField4KeyTyped(evt); } });

jTextField5.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jTextField5.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

jTextField5KeyTyped(evt); } });

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel5.setText("Stock Position");

jLabel5.setPreferredSize(new java.awt.Dimension(75, 14));

jButton5.setText("Submit");

jButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton5ActionPerformed(evt); } });

jTextField6.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0))); jTextField6.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

jTextField6KeyTyped(evt); } });

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 11));

jLabel6.setText("Book ISBN");

jLabel6.setPreferredSize(new java.awt.Dimension(75, 14));

jLabel7.setForeground(java.awt.Color.red);

jLabel7.setText(" ");

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);

jPanel3.setLayout(jPanel3Layout);

jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGap(23, 23, 23)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING) .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup() .addGap(5, 5, 5)

.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED\_SIZE, 125, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup().addGap(0, 25, Short.MAX\_VALUE)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED\_SIZE, 205, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)).addGap(21, 21, 21))

.addGroup(jPanel3Layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, 348, javax.swing.GroupLayout.PREFERRED\_SIZE) .addComponent(jTextField2, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 348, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField1,javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 348, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED\_SIZE, 138, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false) .addComponent(jTextField5, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jTextField4,javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 120, Short.MAX\_VALUE)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))) );

jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup() .addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE) .addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(29, 29, 29)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE) .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE) .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)) .addGap(29, 29, 29)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE) .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(29, 29, 29)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE) .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(29, 29, 29)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE) .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)) .addGap(29, 29, 29)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE) .addComponent(jTextField5, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 29, Short.MAX\_VALUE)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel3Layout.createSequentialGroup() .addComponent(jLabel8)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 16, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel3Layout.createSequentialGroup()

.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE) .addContainerGap()))) );

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup() .addContainerGap()

.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addContainerGap()) );

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup() .addContainerGap()

.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addContainerGap()) );

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup() .addContainerGap()

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addContainerGap()) );

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup() .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addContainerGap()) );

pack();

setLocationRelativeTo(null);

}

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

Component c=jPanel2.getComponentAt(x, y);

jPanel2.remove(c);

jPanel3.setBounds(x, y, w, h);

MainMenu.jLabel7.setText("");

jPanel2.add(jPanel3);

jPanel2.repaint();

jPanel2.updateUI();

}

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

Component c=jPanel2.getComponentAt(x, y);

jPanel2.remove(c);

DeleteForm uf=new DeleteForm();

uf.setBounds(x, y, w, h);

jPanel2.add(uf);

jPanel2.repaint();

jPanel2.updateUI();

}

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

Component c=jPanel2.getComponentAt(x, y);

jPanel2.remove(c);

SearchForm sf=new SearchForm();

sf.setBounds(x, y, w, h);

jPanel2.add(sf);

jPanel2.repaint();

jPanel2.updateUI();

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

Component c=jPanel2.getComponentAt(x, y);

jPanel2.remove(c);

UpdateForm uf=new UpdateForm();

uf.setBounds(x, y, w, h);

jPanel2.add(uf);

jPanel2.repaint();

jPanel2.updateUI();

}

private void jTextField2KeyTyped(java.awt.event.KeyEvent evt) {

char ch=evt.getKeyChar();

if(!((ch>='a'&&ch<='z')||(ch>='A'&&ch<='Z')||ch=='.'||(ch==8)||(ch==32)))

{

Toolkit.getDefaultToolkit().beep();

evt.consume();

}

}

private void jTextField3KeyTyped(java.awt.event.KeyEvent evt) {

char ch=evt.getKeyChar();

if(!((ch>='a'&&ch<='z')||(ch>='A'&&ch<='Z')||(ch==8)||(ch==32)||(ch=='.')))

{

Toolkit.getDefaultToolkit().beep();

evt.consume();

}

}

private void jTextField4KeyTyped(java.awt.event.KeyEvent evt) {

char ch=evt.getKeyChar();

if(!((ch>='0'&&ch<='9')||ch=='.'||(ch==8)))

{

Toolkit.getDefaultToolkit().beep();

evt.consume();

}

}

private void jTextField5KeyTyped(java.awt.event.KeyEvent evt) {

char ch=evt.getKeyChar();

if(!(ch>='0'&&ch<='9'||(ch==8)))

{

Toolkit.getDefaultToolkit().beep();

evt.consume();

}

}

public boolean validateAlpha(String text){

for(int i=0;i<text.length();i++){

char c=text.charAt(i);

if(!((c>='a'&&c<='z')||(c>='A'&&c<='Z')||(c==32))){

return true;

}

}

return false;

}

public boolean validateAlphaD(String text){

for(int i=0;i<text.length();i++){

char c=text.charAt(i);

if(!((c>='a'&&c<='z')||(c>='A'&&c<='Z')||c=='.'||c==32)){

return true;

}

}

return false;

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

long bisbn;

int sp;

String bt="",an="",pn="";

float p;

boolean b;

try{

bisbn=Long.parseLong(jTextField6.getText());

Statement st=makeConnection();

ResultSet rs=null;

rs=st.executeQuery("select \* from book where book\_isbn="+jTextField6.getText());

if(rs.next()){

jLabel7.setText("\*This book already exists");

jTextField6.setText("");

b=false;

}else{

b=true;

}

closeConnection();

}catch(Exception e){

System.out.println(e);

jLabel7.setText("\*Invalid Book ISBN");

jTextField6.requestFocus();

return;

}

bt=jTextField1.getText();

if(bt.equals("")){

jLabel7.setText("\*Invalid Book Title");

jTextField1.requestFocus();

return;

}

an=jTextField2.getText();

if(an.equals("")||validateAlphaD(an)){

jLabel7.setText("\*Invalid Author Name");

jTextField2.requestFocus();

return; }

pn=jTextField3.getText();

if(pn.equals("")||validateAlphaD(pn)){

jLabel7.setText("\*Invalid Publisher Name");

jTextField3.requestFocus();

return;

}

try{

p=Float.parseFloat(jTextField4.getText());

}catch(Exception e){

jLabel7.setText("\*Invalid Price");

jTextField4.requestFocus();

return;

}

try{

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

}catch(Exception e){

jLabel7.setText("\*Invalid Stock Position");

jTextField5.requestFocus();

return;}

Statement st=null;

try{

if(b){

st=makeConnection();

ResultSet rs=st.executeQuery("select \* from author where author\_name='"+an+"'");

if(!rs.next()){

st.executeUpdate("insert into author values('"+an+"','-')");

}

st.executeUpdate(

"insert into Book values("+bisbn+",'"+bt+"','"+an+"','"+pn+"',"+p+","+sp+")");

closeConnection();

JOptionPane.showMessageDialog(this, "Values Saved");

jTextField6.setText("");

jTextField1.setText("");

jTextField2.setText("");

jTextField3.setText("");

jTextField4.setText("");

jTextField5.setText("");

}

}catch(Exception e)

{

System.out.println(e);

}

}

private void jTextField6KeyTyped(java.awt.event.KeyEvent evt) {

char ch=evt.getKeyChar();

if((!((ch>='0'&&ch<='9')||(ch==8)))||jTextField6.getText().length()==9)

{

Toolkit.getDefaultToolkit().beep();

evt.consume();

}

}

public static void main(String args[]) {

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(MainMenu.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new MainMenu().setVisible(true); } });

}

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

public static javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JList<String> jList1;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

private javax.swing.JProgressBar jProgressBar1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

}