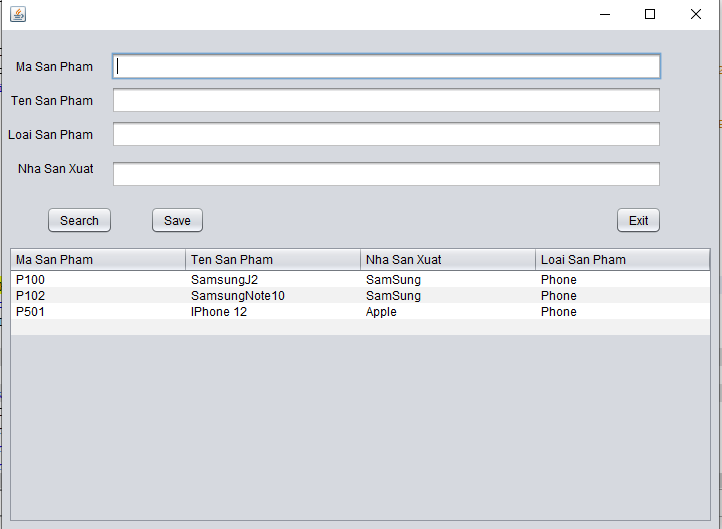
Bài Tập 1

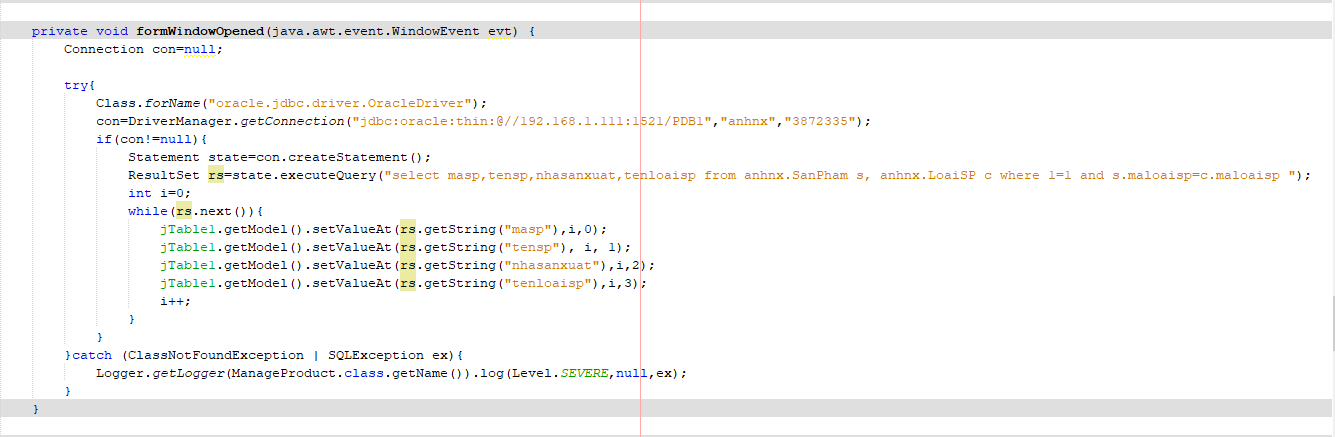
## Màn hình ứng dụng:



## FullCode:

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| --- |
| /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package baitap1;  import java.sql.\*;  import java.sql.DriverManager;  import java.util.logging.Level;  import java.util.logging.Logger;  /\*\*  \*  \* @author Administrator  \*/  public class ManageProduct extends javax.swing.JFrame {  /\*\*  \* Creates new form ManageProduct  \*/  public ManageProduct() {  initComponents();  }  /\*\*  \* This method is called from within the constructor to initialize the form.  \* WARNING: Do NOT modify this code. The content of this method is always  \* regenerated by the Form Editor.  \*/  @SuppressWarnings("unchecked")  // <editor-fold defaultstate="collapsed" desc="Generated Code">  private void initComponents() {  jLabel1 = new javax.swing.JLabel();  jLabel2 = new javax.swing.JLabel();  tensptxt = new javax.swing.JTextField();  jLabel3 = new javax.swing.JLabel();  masptxt = new javax.swing.JTextField();  jLabel4 = new javax.swing.JLabel();  nsxtxt = new javax.swing.JTextField();  jButton1 = new javax.swing.JButton();  jButton2 = new javax.swing.JButton();  jButton3 = new javax.swing.JButton();  jScrollPane1 = new javax.swing.JScrollPane();  jTable1 = new javax.swing.JTable();  loaisptxt = new javax.swing.JTextField();  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  addWindowListener(new java.awt.event.WindowAdapter() {  public void windowOpened(java.awt.event.WindowEvent evt) {  formWindowOpened(evt);  }  });  jLabel1.setText("Loai San Pham");  jLabel2.setText("Ten San Pham");  tensptxt.setName("nametxt"); // NOI18N  tensptxt.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  tensptxtActionPerformed(evt);  }  });  jLabel3.setText("Ma San Pham");  masptxt.setName("masptxt"); // NOI18N  jLabel4.setText("Nha San Xuat");  nsxtxt.setName("nsxtxt"); // NOI18N  nsxtxt.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  nsxtxtActionPerformed(evt);  }  });  jButton1.setText("Search");  jButton1.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton1ActionPerformed(evt);  }  });  jButton2.setText("Save");  jButton2.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton2ActionPerformed(evt);  }  });  jButton3.setText("Exit");  jTable1.setModel(new javax.swing.table.DefaultTableModel(  new Object [][] {  {null, null, null, null},  {null, null, null, null},  {null, null, null, null},  {null, null, null, null}  },  new String [] {  "Ma San Pham", "Ten San Pham", "Nha San Xuat", "Loai San Pham"  }  ));  jScrollPane1.setViewportView(jTable1);  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()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(38, 38, 38)  .addComponent(jButton1)  .addGap(37, 37, 37)  .addComponent(jButton2)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jButton3))  .addGroup(layout.createSequentialGroup()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  .addComponent(jLabel4)  .addComponent(jLabel3)  .addComponent(jLabel2)  .addComponent(jLabel1))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(masptxt)  .addComponent(tensptxt)  .addComponent(loaisptxt)  .addComponent(nsxtxt, javax.swing.GroupLayout.Alignment.TRAILING))))  .addGap(57, 57, 57))  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 705, Short.MAX\_VALUE)  .addContainerGap())))  );  layout.setVerticalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(22, 22, 22)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel3)  .addComponent(masptxt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel2)  .addComponent(tensptxt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel1)  .addComponent(loaisptxt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(jLabel4)  .addComponent(nsxtxt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(jButton1)  .addComponent(jButton2)  .addComponent(jButton3))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 277, Short.MAX\_VALUE)  .addContainerGap())  );  pack();  }// </editor-fold>  private void tensptxtActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void nsxtxtActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  // TODO add your handling code here:  }  private void formWindowOpened(java.awt.event.WindowEvent evt) {  Connection con=null;    try{  Class.forName("oracle.jdbc.driver.OracleDriver");  con=DriverManager.getConnection("jdbc:oracle:thin:@//192.168.1.111:1521/PDB1","anhnx","3872335");  if(con!=null){  Statement state=con.createStatement();  ResultSet rs=state.executeQuery("select masp,tensp,nhasanxuat,tenloaisp from anhnx.SanPham s, anhnx.LoaiSP c where 1=1 and s.maloaisp=c.maloaisp ");  int i=0;  while(rs.next()){  jTable1.getModel().setValueAt(rs.getString("masp"),i,0);  jTable1.getModel().setValueAt(rs.getString("tensp"), i, 1);  jTable1.getModel().setValueAt(rs.getString("nhasanxuat"),i,2);  jTable1.getModel().setValueAt(rs.getString("tenloaisp"),i,3);  i++;  }  }  }catch (ClassNotFoundException | SQLException ex){  Logger.getLogger(ManageProduct.class.getName()).log(Level.SEVERE,null,ex);  }  }  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  Connection con=null;  String f1,f2,f3,f4;  f1=this.masptxt.getText();  f2=this.tensptxt.getText();  f3=this.loaisptxt.getText();  f4=this.nsxtxt.getText();  try{  Class.forName("oracle.jdbc.driver.OracleDriver");  con=DriverManager.getConnection("jdbc:oracle:thin:@//192.168.1.111:1521/PDB1","anhnx","3872335");  if(con!=null){  Statement state=con.createStatement();  ResultSet rs=state.executeQuery("select \*from anhnx.SanPham where 1=1 and masp='"+f1+"'or masp='"+f2+"' or masp='"+f3+"' or masp='"+f4+"'");  int i=0;  while(rs.next()){  this.masptxt.setText(rs.getString("masp")+"");  this.tensptxt.setText(rs.getString("tensp"));  this.nsxtxt.setText(rs.getString("nhasanxuat"));  this.loaisptxt.setText(rs.getString("maloaisp"));  }  }  }catch (ClassNotFoundException | SQLException ex){  Logger.getLogger(ManageProduct.class.getName()).log(Level.SEVERE,null,ex);  }  }  /\*\*  \* @param args the command line arguments  \*/  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(ManageProduct.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(ManageProduct.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(ManageProduct.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(ManageProduct.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  }  //</editor-fold>  /\* Create and display the form \*/  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new ManageProduct().setVisible(true);  }  });  }  // Variables declaration - do not modify  private javax.swing.JButton jButton1;  private javax.swing.JButton jButton2;  private javax.swing.JButton jButton3;  private javax.swing.JLabel jLabel1;  private javax.swing.JLabel jLabel2;  private javax.swing.JLabel jLabel3;  private javax.swing.JLabel jLabel4;  private javax.swing.JScrollPane jScrollPane1;  private javax.swing.JTable jTable1;  private javax.swing.JTextField loaisptxt;  private javax.swing.JTextField masptxt;  private javax.swing.JTextField nsxtxt;  private javax.swing.JTextField tensptxt;  // End of variables declaration  } |

## Hàm load dữ liệu từ CSDL Oracle 19c



## Hàm truy vấn dữ liệu hiển thị lên TextField

