Import javax.swing.\*;

Import java.awt.event.ActionEvent;

Import java.awt.event.ActionListener;

Import java.sql.\*;

Public class JavaCrud {

Private JPanel Main;

Private JTextField txtName;

Private JTextField txtPrice;

Private JButton saveButton;

Private JButton deleteButton;

Private JButton updateButton;

Private JTextField txtpid;

Private JTextField txtQty;

Private JButton searchButton;

Public static void main(String[] args) {

JFrame frame = new JFrame(“JavaCrud”);

Frame.setContentPane(new JavaCrud().Main);

Frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

Frame.pack();

Frame.setVisible(true);

}

Connection con;

PreparedStatement pst;

Public JavaCrud() {

Connect();

saveButton.addActionListener(new ActionListener() {

@Override

Public void actionPerformed(ActionEvent e) {

String name,price,qty;

Name = txtName.getText();

Price = txtPrice.getText();

Qty = txtQty.getText();

Try {

Pst = con.prepareStatement(“insert into products(pname,price,qty)values(?,?,?)”);

Pst.setString(1, name);

Pst.setString(2, price);

Pst.setString(3, qty);

Pst.executeUpdate();

JOptionPane.showMessageDialog(null,”Record Addedddddd!!!!”);

txtName.setText(“”);

txtPrice.setText(“”);

txtQty.setText(“”);

txtName.requestFocus();

}

Catch (SQLException e1)

{

E1.printStackTrace();

}

}

});

searchButton.addActionListener(new ActionListener() {

@Override

Public void actionPerformed(ActionEvent e) {

Try {

String pid = txtpid.getText();

Pst = con.prepareStatement(“select pname,price,qty from products where pid = ?”);

Pst.setString(1, pid);

ResultSet rs = pst.executeQuery();

If(rs.next()==true)

{

String name = rs.getString(1);

String price = rs.getString(2);

String qty = rs.getString(3);

txtName.setText(name);

txtPrice.setText(price);

txtQty.setText(qty);

}

Else

{

txtName.setText(“”);

txtPrice.setText(“”);

txtQty.setText(“”);

JOptionPane.showMessageDialog(null,”Invalid Product ID”);

}

}

Catch (SQLException ex)

{

Ex.printStackTrace();

}

}

});

updateButton.addActionListener(new ActionListener() {

@Override

Public void actionPerformed(ActionEvent e) {

String pid,name,price,qty;

Name = txtName.getText();

Price = txtPrice.getText();

Qty = txtQty.getText();

Pid = txtpid.getText();

Try {

Pst = con.prepareStatement(“update products set pname = ?,price = ?,qty = ? where pid = ?”);

Pst.setString(1, name);

Pst.setString(2, price);

Pst.setString(3, qty);

Pst.setString(4, pid);

Pst.executeUpdate();

JOptionPane.showMessageDialog(null, “Record Updateee!!!!!”);

txtName.setText(“”);

txtPrice.setText(“”);

txtQty.setText(“”);

txtName.requestFocus();

txtpid.setText(“”);

}

Catch (SQLException e1)

{

E1.printStackTrace();

}

}

});

deleteButton.addActionListener(new ActionListener() {

@Override

Public void actionPerformed(ActionEvent e) {

String bid;

Bid = txtpid.getText();

Try {

Pst = con.prepareStatement(“delete from products where pid = ?”);

Pst.setString(1, bid);

Pst.executeUpdate();

JOptionPane.showMessageDialog(null, “Record Deleteeeeee!!!!!”);

txtName.setText(“”);

txtPrice.setText(“”);

txtQty.setText(“”);

txtName.requestFocus();

txtpid.setText(“”);

}

Catch (SQLException e1)

{

E1.printStackTrace();

}

}

});

}

Public void Connect()

{

Try {

Class.forName(“com.mysql.jdbc.Driver”);

Con = DriverManager.getConnection(“jdbc:mysql://localhost/gbproducts”, “root”,””);

System.out.println(“Success”);

}

Catch (ClassNotFoundException ex)

{

Ex.printStackTrace();

}

Catch (SQLException ex)

{

Ex.printStackTrace();

}

}

}