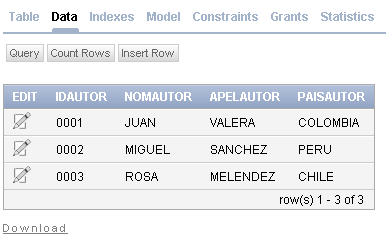
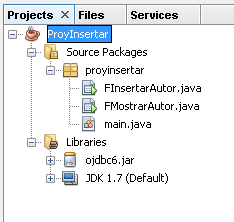
**INSERTAR REGISTROS DESDE NETBEANS A UNA TABLE DE ORACLE 11G**

1. **NECESITAMOS LOS SIGUIENTES**

Una base de datos con una tabla y con registros

****

1. **CREAR UN PROYECTO CON UNA CLASE DE CONEXIÓN Y 2 JFRAME, PARA MOSTRAR E INSERTAR REGISTROS DE LA TABLA AUTOR**

****

1. **LUEGO EL CODIGO DE MAIN.JAVA**

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package proyinsertar;

**import java.io.\*;**

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

**import javax.swing.\*;**

/\*\*

\*

\* @author rolando

\*/

public class main {

static Connection conn=null;

static Statement st=null;

static ResultSet rs=null;

static String bd="XE";

static String login="bddemo1";

static String password="123";

static String url="jdbc:oracle:thin:@localhost:1521:XE";

public static Connection Enlace(Connection conn)throws SQLException {

try {

Class.forName("oracle.jdbc.OracleDriver");

conn=DriverManager.getConnection(url, login, password);

}

catch(ClassNotFoundException e )

{

System.out.print("Clase no encontrada");

}

return conn;

}

public static Statement sta(Statement st)throws SQLException {

conn=Enlace(conn);

st=conn.createStatement();

return st;

}

public static ResultSet EnlEst(ResultSet rs)throws SQLException {

st=sta(st);

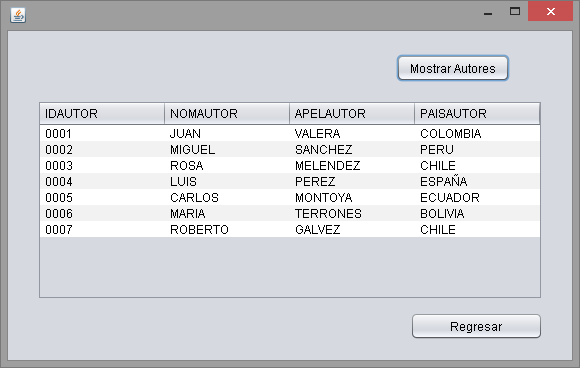
rs=st.executeQuery("select \* from autor");

return rs;

}

}

1. **LUEGO EL CODIGO DE FMOSTRARAUTOR.JAVA**



/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package proyinsertar;

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

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

/\*\*

\*

\* @author rolando

\*/

public class FMostrarAutor extends javax.swing.JFrame {

**//creando variables**

**static Connection conn=null;**

**static Statement s=null;**

**static ResultSet rs=null;**

**//Para establecer el modelo al JTable**

**DefaultTableModel modelo = new DefaultTableModel();**

/\*\*

\* Creates new form FMostrarAutor

\*/

public FMostrarAutor() {

initComponents();

**this.jTable1.setModel(modelo);**

}

/\*\*

\* 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() {

jbMostrarAutor = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jbregresar = new javax.swing.JButton();

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

jbMostrarAutor.setText("Mostrar Autores");

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

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

jbMostrarAutorActionPerformed(evt);

}

});

jScrollPane1.setViewportView(jTable1);

jbregresar.setText("Regresar");

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

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

jbregresarActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

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

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

.addComponent(jbMostrarAutor)

.addGap(62, 62, 62))

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jbregresar, javax.swing.GroupLayout.PREFERRED\_SIZE, 133, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addGap(29, 29, 29)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 506, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(29, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(23, 23, 23)

.addComponent(jbMostrarAutor)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 200, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jbregresar)

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

);

pack();

}// </editor-fold>

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

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

**try {**

**//ejecuta la conexion**

**conn=main.Enlace(conn);**

**//ejecuta la consulta**

**rs=main.EnlEst(rs);**

**//volcamos los resultados de rs a rsmetadata**

**ResultSetMetaData rsMd = rs.getMetaData();**

**//La cantidad de columnas que tiene la consulta**

**int cantidadColumnas = rsMd.getColumnCount();**

**//Establecer como cabezeras el nombre de las colimnas**

**for (int i = 1; i <= cantidadColumnas; i++) {**

**modelo.addColumn(rsMd.getColumnLabel(i));**

**}**

**//Creando las filas para el JTable**

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

**Object[] fila = new Object[cantidadColumnas];**

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

**fila[i]=rs.getObject(i+1);**

**}**

**modelo.addRow(fila);**

**}**

**rs.close();**

**conn.close();**

**} catch (Exception ex) {**

**ex.printStackTrace();**

**}**

}

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

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

**this.setVisible(false);**

**FInsertarAutor Finsertar = new FInsertarAutor();**

**Finsertar.setVisible(true);**

**Finsertar.pack();**

}

/\*\*

\* @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(FMostrarAutor.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(FMostrarAutor.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 FMostrarAutor().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

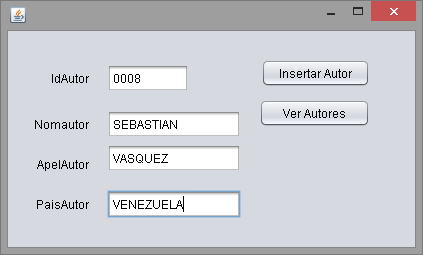
private javax.swing.JButton jbMostrarAutor;

private javax.swing.JButton jbregresar;

// End of variables declaration

}

1. **LUEGO EL CODIGO DE FINSERTAR AUTOR.JAVA**



/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package proyinsertar;

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

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

/\*\*

\*

\* @author rolando

\*/

public class FInsertarAutor extends javax.swing.JFrame {

**static Connection conn=null;**

/\*\*

\* Creates new form FInsertarAutor

\*/

public FInsertarAutor() {

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();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jtxtidautor = new javax.swing.JTextField();

jtxtnomautor = new javax.swing.JTextField();

jtxtapelautor = new javax.swing.JTextField();

jtxtpaisautor = new javax.swing.JTextField();

jbinsertarautor = new javax.swing.JButton();

jbVerAutores = new javax.swing.JButton();

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

jLabel1.setText("IdAutor");

jLabel2.setText("Nomautor");

jLabel3.setText("ApelAutor");

jLabel4.setText("PaisAutor");

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

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

jtxtnomautorActionPerformed(evt);

}

});

jbinsertarautor.setText("Insertar Autor");

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

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

jbinsertarautorActionPerformed(evt);

}

});

jbVerAutores.setText("Ver Autores");

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

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

jbVerAutoresActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(26, 26, 26)

.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, false)

.addComponent(jtxtnomautor)

.addComponent(jtxtapelautor)

.addComponent(jtxtpaisautor, javax.swing.GroupLayout.DEFAULT\_SIZE, 134, Short.MAX\_VALUE)

.addComponent(jtxtidautor, javax.swing.GroupLayout.PREFERRED\_SIZE, 82, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jbVerAutores, javax.swing.GroupLayout.PREFERRED\_SIZE, 111, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addGap(20, 20, 20)

.addComponent(jbinsertarautor, javax.swing.GroupLayout.PREFERRED\_SIZE, 109, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(45, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(28, 28, 28)

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

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

.addGroup(layout.createSequentialGroup()

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

.addComponent(jLabel1)

.addComponent(jtxtidautor, 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.BASELINE)

.addComponent(jLabel2)

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

.addGap(18, 18, 18)

.addComponent(jLabel3))

.addGroup(layout.createSequentialGroup()

.addComponent(jbinsertarautor)

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

.addComponent(jbVerAutores)

.addGap(45, 45, 45)))

.addGap(18, 18, 18)

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

.addComponent(jLabel4)

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

.addContainerGap(29, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

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

// TODO add your handling code here:

}

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

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

**try {**

**// main miconexion = new main();**

**conn=main.Enlace(conn);**

**String sqlinsertar="insert into autor values (?,?,?,?)";**

**PreparedStatement psta=conn.prepareStatement(sqlinsertar);**

**psta.setString(1, jtxtidautor.getText());**

**psta.setString(2, jtxtnomautor.getText());**

**psta.setString(3, jtxtapelautor.getText());**

**psta.setString(4, jtxtpaisautor.getText());**

**psta.execute();**

**psta.close();**

**JOptionPane.showMessageDialog(null, "Registro Guardado Satisfactoriamente");**

**}catch (Exception e){**

**System.out.println(e.getCause());**

**}**

**}**

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

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

**this.setVisible(false);**

**FMostrarAutor Fmostrar = new FMostrarAutor();**

**Fmostrar.setVisible(true);**

**Fmostrar.pack();**

**}**

/\*\*

\* @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(FInsertarAutor.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(FInsertarAutor.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 FInsertarAutor().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JButton jbVerAutores;

private javax.swing.JButton jbinsertarautor;

private javax.swing.JTextField jtxtapelautor;

private javax.swing.JTextField jtxtidautor;

private javax.swing.JTextField jtxtnomautor;

private javax.swing.JTextField jtxtpaisautor;

// End of variables declaration

}