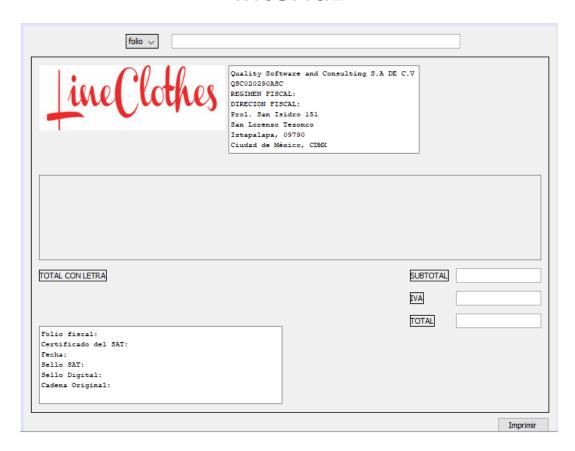# CREACION DE LA CONXEION DE LA APLICACIÓN CON L ABASE DE DATOS

interfaz

Cls_conexion

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import javax.swing.JOptionPane;

/**
 *
 * @author Eduardo Soto
 */
public class cls_conexion {
    private static final String DRIVER ="org.sqlite.JDBC";
    private static final String USER = "sa";
    private static final String PASSWORD = " ";
    private static final String URL = "jdbc:sqlite:C:\\ah\\line.db";
    private Connection CN;
```

```java
public Connection getConnection(){
try{
    Class.forName(DRIVER);
    CN=DriverManager.getConnection(URL,USER,PASSWORD);
}catch(ClassNotFoundException | SQLException ex){
    JOptionPane.showMessageDialog(null, ex.getMessage(), "Errorrrr" , JOptionPane.ERROR_MESSAGE);
    System.exit(0);
}
return CN;
}

public void close(){
try{
    CN.close();
}catch(SQLException ex){
    JOptionPane.showMessageDialog(null, ex.getMessage(), "Errorrrr" , JOptionPane.ERROR_MESSAGE);
}
}
```

Cls_factura

```java
1
2    package logica;
3
4    import conexion.cls_conexion;
5    import java.sql.PreparedStatement;
6    import java.sql.ResultSet;
7    import java.sql.SQLException;
     import java.util.Set;
9    import javax.swing.table.DefaultTableModel;
10
11   /**
12    *
13    * @author Eduardo Soto
14    */
```

```java
1
2    package logica;
3
4    import conexion.cls_conexion;
5    import java.sql.PreparedStatement;
6    import java.sql.ResultSet;
7    import java.sql.SQLException;
     import java.util.Set;
9    import javax.swing.table.DefaultTableModel;
10
11   /**
12    *
13    * @author Eduardo Soto
14    */
```

```java
public class cls_factura {

    private final String select = "SELECT * FROM TICKET";
    private PreparedStatement PS;
    private DefaultTableModel DT;
    private ResultSet RS;
    private final cls_conexion CN;

    public cls_factura(){
        PS=null;
        CN= new cls_conexion();

    }

    private DefaultTableModel setTitulos(){
        DT = new DefaultTableModel();
        DT.addColumn("num_detalle");
        DT.addColumn("folio");
        DT.addColumn("unidad_med");
        DT.addColumn("descripcion");
        DT.addColumn("precio");
        DT.addColumn("descuento");
        DT.addColumn("total");
        DT.addColumn("rfc");
        return DT;
    }
```

```java
    public DefaultTableModel getDatos(){
        try{
            setTitulos();
            PS=CN.getConnection().prepareStatement(select);
            RS=PS.executeQuery();
            Object[] fila = new Object[8];
            while(RS.next()){
                fila[0]=RS.getInt(1);
                fila[1]=RS.getString(2);
                fila[2]=RS.getString(3);
                fila[3]=RS.getString(4);
                fila[4]=RS.getFloat(5);
                fila[5]=RS.getFloat(6);
                fila[6]=RS.getFloat(7);
                fila[7]=RS.getString(8);
                DT.addRow(fila);
            }
        }catch(SQLException e){
            System.out.println("Error al listar los datos..." + e.getMessage()).

        }finally{
            PS=null;
            RS=null;
            CN.close();
        }
        return DT;
    }
```

cls_main

```java
package factura;

import formulario.frm_factura;
/**
 *
 * @author Eduardo Soto
 */
public class cls_Main {

    public static void main(String [] args){

        frm_factura FM = new frm_factura();

        FM.setVisible(true);


    }

}
```