

JFRAME: FACTURA

The screenshot displays an IDE interface with the following components:

- Project Explorer (Left):** Shows the project structure for 'ProyectoFactura', including source files like 'Factura.java', 'articulo.java', 'calculo.java', and 'imprimir.java'.
- Members Explorer (Bottom Left):** Lists the variables and components of the 'Factura' class, such as 'jLabel4', 'jLabel5', 'jLabel6', 'jLabel7', 'jLabel8', 'jScrollPane1', 'lista', 'objart', 'ocal', 'p', 'precio', 'producto', and 'productos'.
- Code Editor (Center):** Displays the source code for 'Factura.java'. The code includes imports for 'javax.swing.DefaultListModel', 'javax.swing.JOptionPane', and 'java.util.Calendar'. It defines a 'Factura' class that extends 'JFrame', with attributes for 'articulo', 'articulos', 'art', 'd', 'ocal', 'p', 'imprimir', 'imp', and 'total'. The class includes a constructor 'Factura()' and a method 'initComponents()'.
- Run Console (Bottom Right):** Shows the output of the program, indicating that 'ProyectoFactura (run) #3' is running.

```
1
2 import javax.swing.DefaultListModel;
3 import javax.swing.JOptionPane;
4 import java.util.Calendar;
5
6 /**
7  *
8  * @author BELIEVE
9  */
10 public class Factura extends javax.swing.JFrame {
11     articulo objart;
12     articulo articulos[]=new articulo [2];
13     articulo art[]=new articulo [2];
14     int d=1;
15     calculo ocal;
16     int p=0;
17     imprimir impr= new imprimir ();
18     double imp,total;
19
20     /**
21      * Creates new form Factura
22      */
23     public Factura() {
24         initComponents();
25     }
26
27     /**
28      * This method is called from within the constructor to initialize the form.
29      * WARNING: Do NOT modify this code. The content of this method is always
30      * regenerated by the Form Editor.
31      */
32     @SuppressWarnings("unchecked")
```

JFRAME: IMPRIMIR

The screenshot displays an IDE interface for a Java project named 'ProyectoFactura'. The main editor shows the 'imprimir.java' file, which defines a 'public class imprimir extends javax.swing.JFrame'.

Code in 'imprimir.java':

```
1  /**
2   *
3   * @author BELIEVE
4   */
5
6  import java.util.Calendar;
7  import javax.swing.ListModel;
8  public class imprimir extends javax.swing.JFrame {
9
10     Calendar cal=Calendar.getInstance();
11     int numero=(int) (Math.random()* 5)+1;
12     String fech= cal.get(cal.DATE)+ "/" + cal.get(cal.MONTH)+ "/" +cal.get(cal.YEAR);
13
14     public void setfecha(String fech){
15
16         fecha.setText(fech);
17     }
18
19     public void setnum(int numero) {
20         nof.setText(String.valueOf(numero));
21     }
22
23     public void setlista(ListModel<String> lista){
24         List.setModel(lista);
25     }
26
27     public void setdatos(int subt, double isv, double total){
28         subtotal.setText(String.valueOf(subt));
29         impuesto.setText(String.valueOf(isv));
30         Totalp.setText(String.valueOf(total));
31         name.setEnabled(false);
32         name1.setVisible(false);
33     }
34 }
```

Navigator (Navegador):

- imprimir :: JFrame
 - imprimir()
 - botonActionPerformed(ActionEvent evt)
 - fechaActionPerformed(ActionEvent evt)
 - initComponents()
 - jButton1ActionPerformed(ActionEvent evt)
 - nameActionPerformed(ActionEvent evt)
 - setdatos(int subt, double isv, double total)
 - setfecha(String fech)
 - setlista(ListModel<String> lista)
 - setnum(int numero)
 - List : JList<String>
 - Totalp : JLabel

Status Bar: ProyectoFactura (run) #3 running... (2 más...)

CLASE: ARTICULO

The screenshot displays an IDE interface with the following components:

- Project Explorer (Left):** Shows a project named 'ProyectoFactura' containing a package '<default package>' with files 'Factura.java', 'articulo.java', 'calculo.java', and 'imprimir.java'. There are also 'Paquetes de prueba' and 'Bibliotecas de pruebas'.
- Members View (Bottom Left):** Titled 'getNombre - Navegador', it shows the members of the 'articulo' class:
 - getNombre() : String
 - getPrecio() : int
 - setNombre(String nombre)
 - setPrecio(String precio)
 - nombre : String
 - precio : int
- Source Editor (Right):** Displays the code for 'articulo.java'. The code is as follows:

```
1  /**
2   *
3   * @author BELIEVE
4   */
5
6  public class articulo {
7      private String nombre;
8      private int precio;
9
10     /**
11      * @return the nombre
12      */
13     public String getNombre() {
14         return nombre;
15     }
16
17     /**
18      * @param nombre the nombre to set
19      */
20     public void setNombre(String nombre) {
21         this.nombre = nombre;
22     }
23
24     public void setPrecio(String precio) {
25         this.precio= Integer.parseInt(precio);
26     }
27
28     /**
29      * @return the precio
30      */
31     public int getPrecio() {
32         return precio;
33     }
34 }
```
- Run Bar (Bottom Right):** Shows 'ProyectoFactura (run) #3' with a 'running' status.

CLASE: CALCULO

The screenshot displays an IDE interface with the following components:

- Project Explorer (Left):** Shows the project structure for 'ProyectoFactura'. It includes a 'Paquetes de fuentes' (source packages) section with a '<default package>' containing 'Factura.java', 'articulo.java', 'calculo.java', and 'imprimir.java'. There are also 'Paquetes de prueba' (test packages), 'Bibliotecas' (libraries), and 'Bibliotecas de pruebas' (test libraries).
- Class Explorer (Bottom Left):** Titled 'calculo - Navegador', it shows the 'calculo' class with its members: 'Calculosub(int tp)', 'getSubt() : int', and a variable 'subt : int'.
- Code Editor (Right):** Displays the source code of 'calculo.java'. The code includes a license header, a class declaration, a variable, and two methods: 'Calculosub' and 'getSubt'.

```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6
7  /**
8  *
9  * @author BELIEVE
10 */
11 public class calculo {
12
13     int subt=0;
14
15     public void Calculosub(int tp){
16         subt+= tp;
17     }
18
19     public int getSubt() {
20         return subt;
21     }
22
23
24
25 }
26
```

The status bar at the bottom right indicates 'ProyectoFactura (run) #3' is running.