



Carrera: Desarrollo de Software

Asignatura: Estructura de datos

Unidad 3: Estructura de datos avanzadas

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A screenshot of the NetBeans IDE interface. The top menu bar includes 'File', 'Edit', 'Tools', 'Help', and tabs for 'Source', 'History', and several project files like 'InvertirPalabra.java', 'FuncionDeshacer.java', 'Main.java', 'Colajava.java', 'Unidad3.java', and 'VentanaBasica.java'. The left sidebar shows a tree view with 'Unidad3' expanded, showing 'src' and 'java'. A code editor window displays the following Java code:

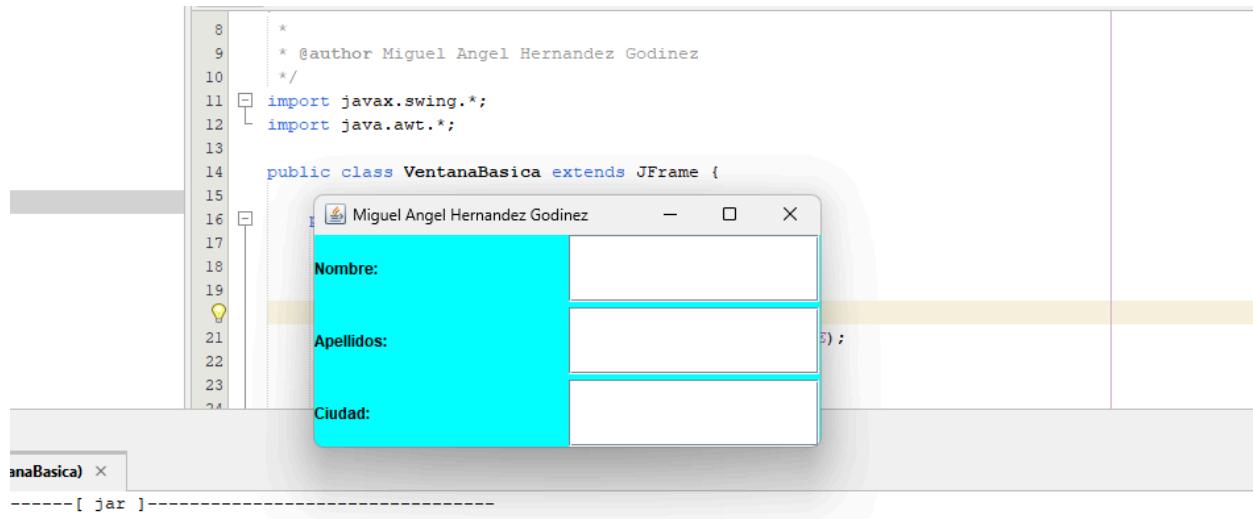
```
11 import javax.swing.*;
12 import java.awt.*;
13
14 public class VentanaBasica extends JFrame {
15
16     JPanel panelAzul = new JPanel();
17     JLabel lblNombre = new JLabel("Nombre:");
18     JTextField txtNombre = new JTextField();
19
20     public VentanaBasica() {
21         // Configurar el panel azul
22         panelAzul.setBackground(Color.cyan);
23
24         // Agregar el panel a la ventana
25         add(panelAzul);
26
27         // Crear el label y el campo de texto
28         lblNombre.setForeground(Color.magenta);
29         txtNombre.setEditable(true);
30
31         // Agregar los componentes al panel azul
32         panelAzul.add(lblNombre);
33         panelAzul.add(txtNombre);
34
35     }
36
37     public static void main(String[] args) {
38         VentanaBasica ventana = new VentanaBasica();
39         ventana.setVisible(true);
40     }
41
42 }
43
44
45
46
47
48 }
```

The code editor has a status bar at the bottom indicating '3 1.0-SNAPSHOT' and '[jar]'. Below the code editor, the output window shows build logs:

```
.3.1:resources (default-resources) @ Unidad3 ---
ng resourceDirectory C:\Users\Miguel\OneDrive\Documentos\NetBeansProjects\Unidad3\src\main\resources

13.0:compile (default-compile) @ Unidad3 ---
module because of changed source code.
```

A screenshot of the NetBeans IDE interface, similar to the one above but with a different window title. The title bar says 'VentanaBasica.java'. The code editor window displays the same Java code as the previous screenshot. A modal dialog box is overlaid on the IDE, titled 'Miguel Angel Hernandez Godinez', containing a label 'Nombre:' and a text input field. The background of the dialog is cyan, matching the color of the panel in the code. The code editor's status bar shows '263/63600MB'.

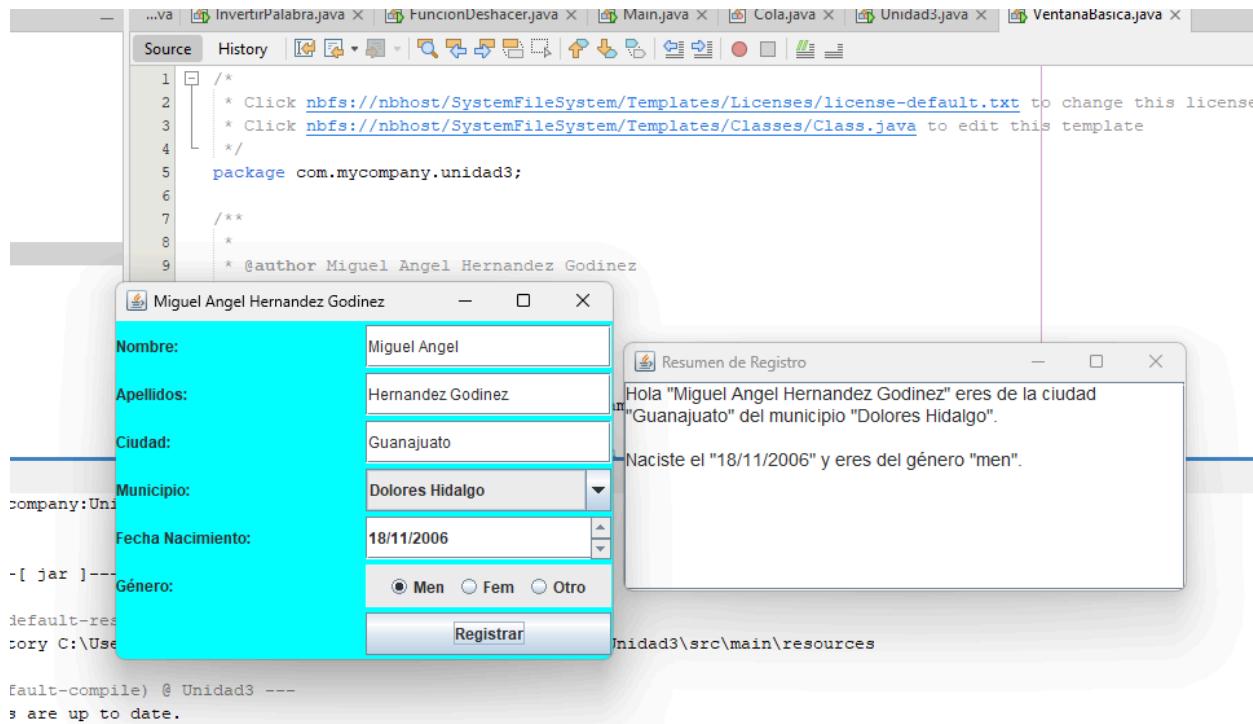


```

ces (default-resources) @ Unidad3 ---
Directory C:\Users\Miguel\OneDrive\Documentos\NetBeansProjects\Unidad3\src\main\resources

e (default-compile) @ Unidad3 ---
ause of changed source code.
ith javac [debug release 24] to target\classes

```



```

-[ jar ]---

fault-compile) @ Unidad3 ---
s are up to date.

```