

The screenshot shows the Apache NetBeans IDE 25 interface. The top menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, and Help. The title bar indicates "Unidad3 - Apache NetBeans IDE 25". The left sidebar has a "Projects X" section with "EjerciciosCola", "Unidad2", and "Unidad3" expanded, showing "Source Packages" and "unidad3" containing "VentanaBasica.java". The main editor window displays the Java code for "VentanaBasica.java". The code defines a class "VentanaBasica" that extends "JFrame". It sets the title to "Miguel Lozano Arvizu", sizes it to 400x300 pixels, and centers it relative to the screen. It also specifies that the program exits when the window is closed. The main method creates and initializes the window, making it visible.

```
package unidad3;
import javax.swing.JFrame;

/*
 * Ventana basica para aprender
 * @author miguel Lozano Arvizu
 * @author 1224100689.mla@gmail.com
 */

public class VentanaBasica extends JFrame {
    public VentanaBasica() {
        // Titulo de la ventana
        super("Miguel Lozano Arvizu");

        // Tamaño
        setSize(400, 300);

        // Entrada
        setLocationRelativeTo(null);

        // Cerrar programa al cerrar ventana
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }

    public static void main(String[] args) {
        // Crear e iniciar la ventana
        VentanaBasica ventana = new VentanaBasica();
        ventana.setVisible(true);
    }
}
```

This screenshot shows the Apache NetBeans IDE 25 interface with the "Output - Unidad3 (run)" tab selected. The "VentanaBasica.java" file is open in the editor. A separate window titled "Miguel Lozano Arvizu" is displayed, which is the Java application running. The application is a simple frame with the title set to "Miguel Lozano Arvizu".

```
package unidad3;
import javax.swing.JFrame;

/*
 * Ventana basica para aprender
 * @author miguel Lozano Arvizu
 * @author 1224100689.mla@gmail.com
 */

public class VentanaBasica extends JFrame {
    public VentanaBasica() {
        // Titulo de la ventana
        super("Miguel Lozano Arvizu");

        // Tamaño
        setSize(900, 700);

        // Entrada
        setLocationRelativeTo(null);

        // Cerrar programa al cerrar ventana
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        // Aquí después puedes agregar componentes
        // por ejemplo: add(new JButton("Hola"));
    }

    public static void main(String[] args) {
        // Crear e iniciar la ventana
        VentanaBasica ventana = new VentanaBasica();
        ventana.setVisible(true);
    }
}
```

The screenshot shows the Apache NetBeans IDE 25 interface with two main windows.

Top Window: This is the code editor window for the file `VentanaBasica.java`. The code defines a basic window with a blue background:

```
public class VentanaBasica extends JFrame {
    public VentanaBasica() {
        // Título de la ventana
        super("Miguel Lozano Arvizu Ventana Basica");

        // Tamaño
        setSize(900, 700);

        // Centrado
        setLocationRelativeTo(null);

        // Cerrar programa al cerrar ventana
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }

    // Crear panel azul
    JPanel panelAzul = new JPanel();
    panelAzul.setBackground(Color.BLUE);

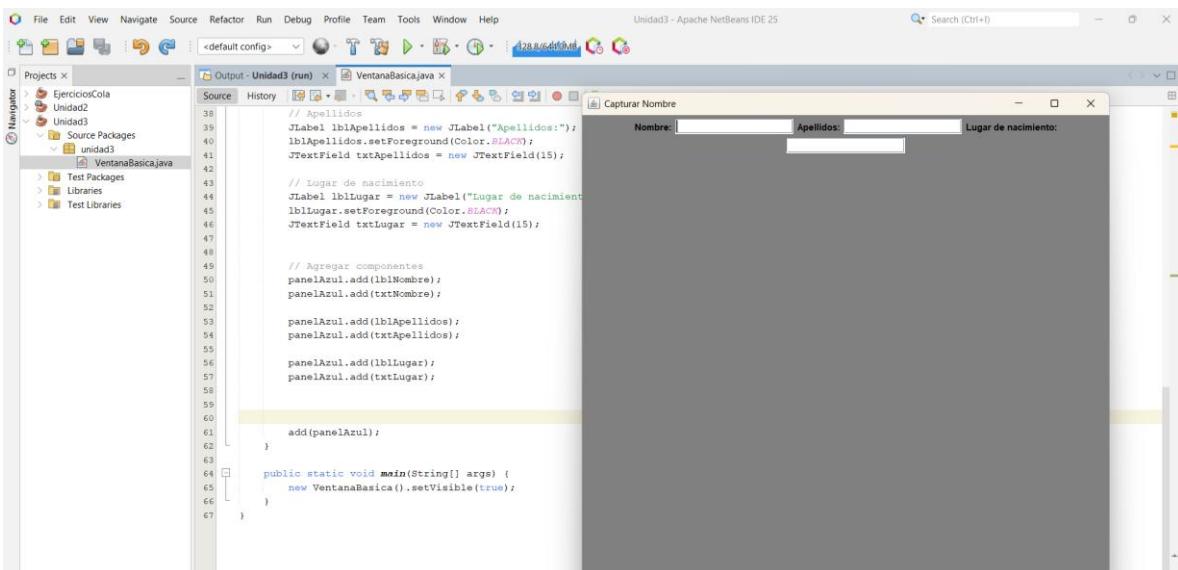
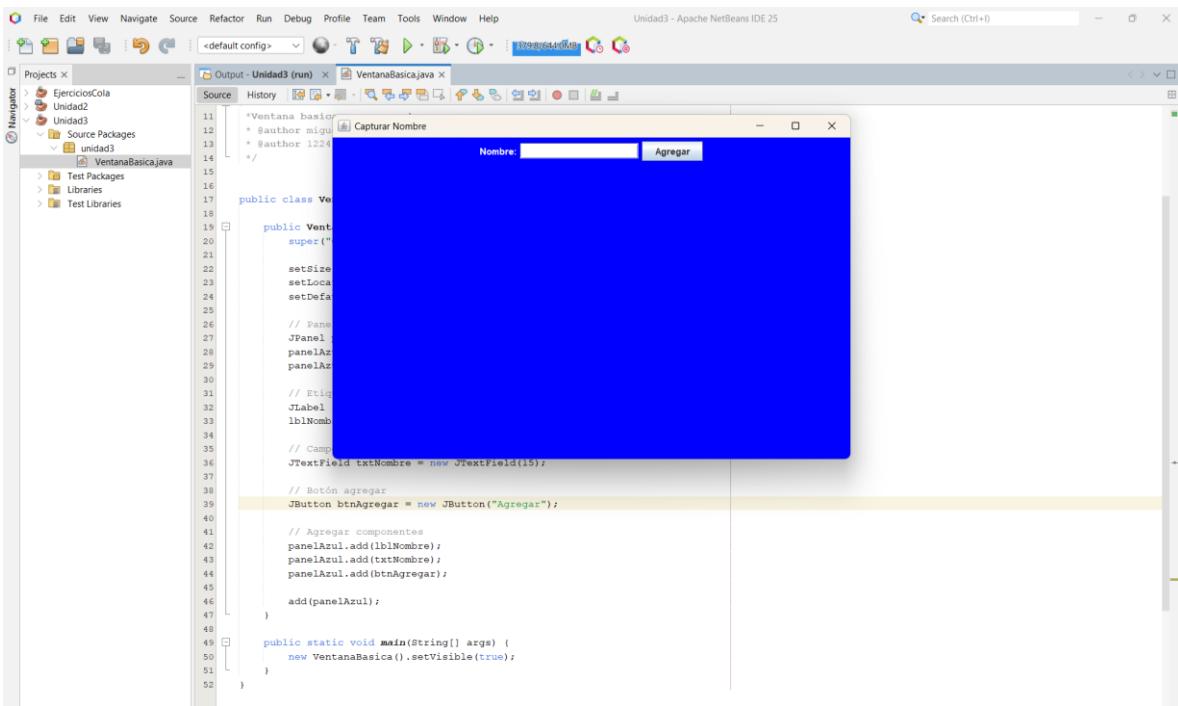
    // Agregar el panel a la ventana
    add(panelAzul);
}

public static void main(String[] args) {
    // Crear e iniciar la ventana
    VentanaBasica ventana = new VentanaBasica();
    ventana.setVisible(true);
}
```

Bottom Window: This is the application window titled "Miguel Lozano Arvizu Ventana Basica". It is a simple gray frame with no visible content, indicating the application is currently empty or has not yet loaded its main content.

The screenshot shows the Apache NetBeans IDE interface. The title bar reads "Unidad3 - Apache NetBeans IDE". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has various icons for file operations like New, Open, Save, and Run. The Projects tab in the Navigator shows three projects: EjerciciosCola, Unidad2, and Unidad3, with Unidad3 expanded to show Source Packages and unidad3, which contains VentanaBasica.java. The Source tab in the editor shows the code for VentanaBasica.java:

```
11 *Ventana basica para aprender
12 * @author miguel Lozano Arvizu
13 * @author 1224100689.mla@gmail.com
14 */
15
16 public class VentanaBasica extends JFrame {
17
18     public VentanaBasica() {
19         super("Capturar Nombre");
20
21         setSize(400, 300);
22         setLocationRelativeTo(null);
23         setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
24
25         // Panel azul
26         JPanel panelAzul = new JPanel();
27         panelAzul.setBackground(Color.BLUE);
28         panelAzul.setLayout(new FlowLayout());
29
30         // Etiqueta
31         JLabel lblNombre = new JLabel("Nombre:");
32         lblNombre.setForeground(Color.WHITE);
33
34         // Campo de texto
35         JTextField txtNombre = new JTextField(15);
36
37         // Botón agregar
38         JButton btnAgregar = new JButton("Agregar");
39
40         // Agregar componentes
41         panelAzul.add(lblNombre);
42         panelAzul.add(txtNombre);
43         panelAzul.add(btnAgregar);
44
45         add(panelAzul);
46     }
47
48     public static void main(String[] args) {
49         new VentanaBasica().setVisible(true);
50     }
51 }
52 }
```



Captura Final:

