



Integrating ChatGPT into a Java Swing application.

**IDE (Left):** Shows the source code for `PantallaBasica.java`. The code defines a `PantallaBasica` class extending `JFrame`. It includes comments in Spanish and Java code for window configuration and component creation.

```
13 import javax.swing.JLabel;
14 import javax.swing.JPanel;
15
16 public class PantallaBasica extends JFrame {
17
18     public PantallaBasica() {
19         // Configuración de la ventana
20         setTitle("Diana Mabel");
21         setSize(400, 200);
22         setLocationRelativeTo(null);
23         setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
24
25         // Panel y componentes
26         JPanel panelAzul = new JPanel();
27         panelAzul.setBackground(Color.BLUE);
28         // JLabel etiqueta = new JLabel("Hola Diana");
29         // JButton boton = new JButton("Presióna");
```

**ChatGPT (Right):** The interface shows a conversation with the prompt "agregar un jpanel color azul". The response provides a code snippet for creating a blue panel.

```
java
import javax.swing.JFrame;
import javax.swing.JPanel;
import java.awt.Color;

public class VentanaAzul extends JFrame {

    public VentanaAzul() {
        setTitle("Ventana con Panel Azul");
        setSize(400, 250);
        setLocationRelativeTo(null);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

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

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

**Output (Bottom Left):** Shows the output of the application, displaying "run:".

**System Tray (Bottom):** Shows the system clock and temperature (26°C).

Continuing the development of the Java Swing application.

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Projects x

Unidad3

Source Packages

<default package>

PantallaBasica.java

Test Packages

Libraries

Test Libraries

veterinaria

Veterinaria2

PantallaBasica.java x

Source History

38 // Campos de texto

39 JTextField campo

40 JTextField campo

41 JTextField campo

42

43 // MUNICIPIO

44 JLabel lblMunicipi

45 JComboBox<String>

46 "Abasolo"

47 "Celaya"

48 "Dolores"

49 "Jerécu"

50 "Romita"

51 "San Fra

52 "Santa C

53 "Taranda

54 "Victori

55

56

57

58 // FECHA DE NACI

59 JLabel lblFecha = new JLabel("fecha

60

61 JComboBox<String> comboDia = new JC

62 for (int i = 1; i <= 31; i++) combo

Output - Unidad3 (run)

Action Items Notifications Search Results Output ming...

42:1 INS

Autoguardado

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DM

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Pegar Fuente Párrafo Estilos Edición Dictar Complementos Editor Copilot

Voz Complementos

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Información registrada

Nombre: Diana Mabel

Apellidos: Garcia Martinez

Ciudad nacimiento: Guanajuato

Municipio: Guanajuato

Fecha nacimiento: 11 / Junio / 2006

Género: Femenino

OK

Registrar

Se acercan días...

27°C

Buscar

0 palabras

Inglés (Estados Unidos)

Concentración

ENG

02:50 p. m.

14/11/2025