

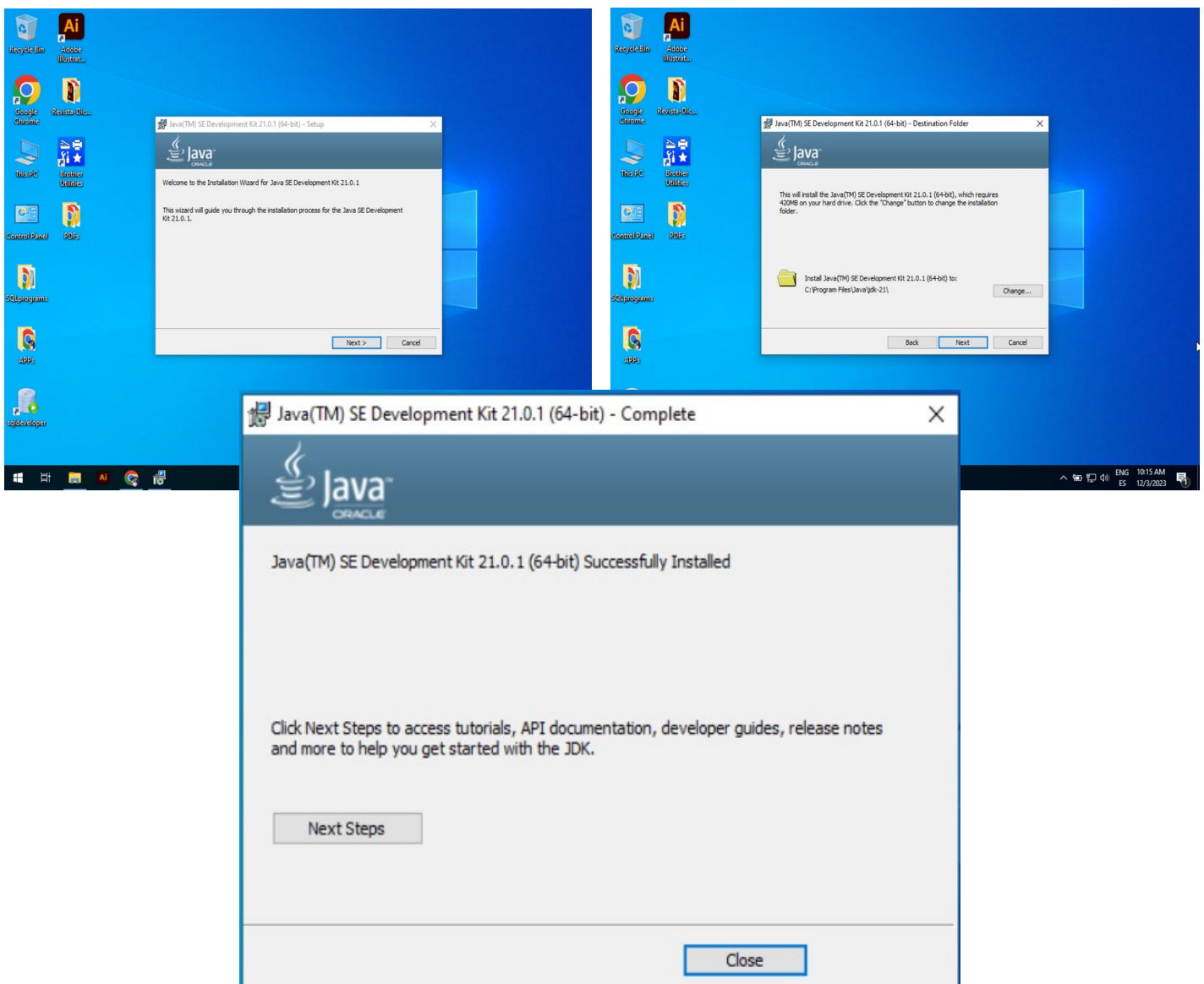
Tarea – Tema 2

Autor: Kevin Zamora Amela

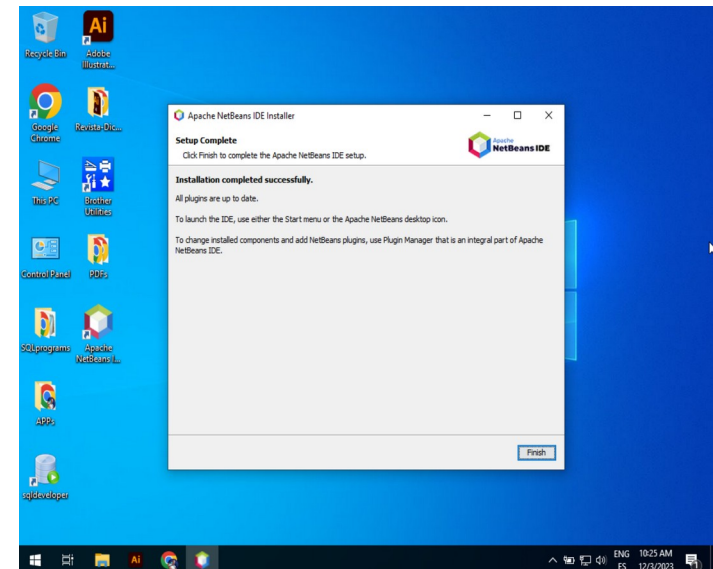
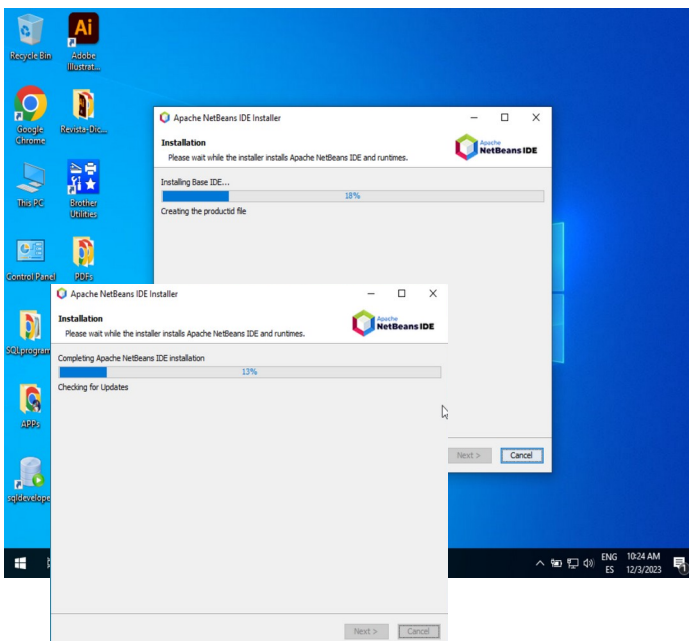
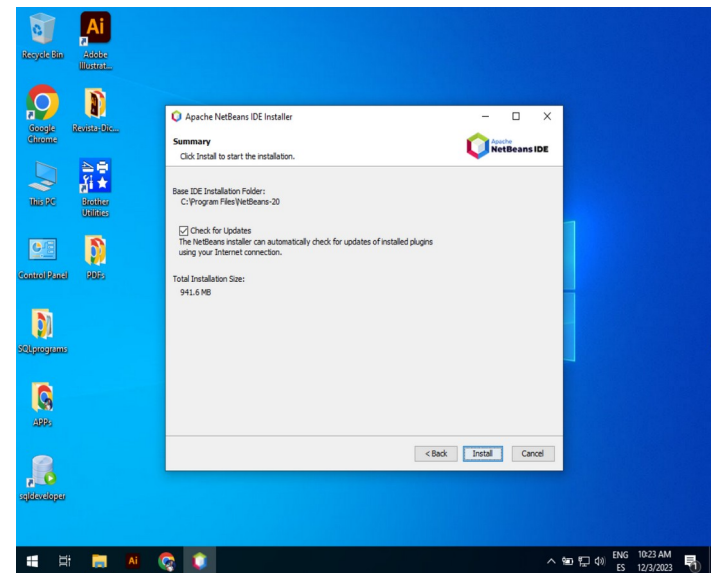
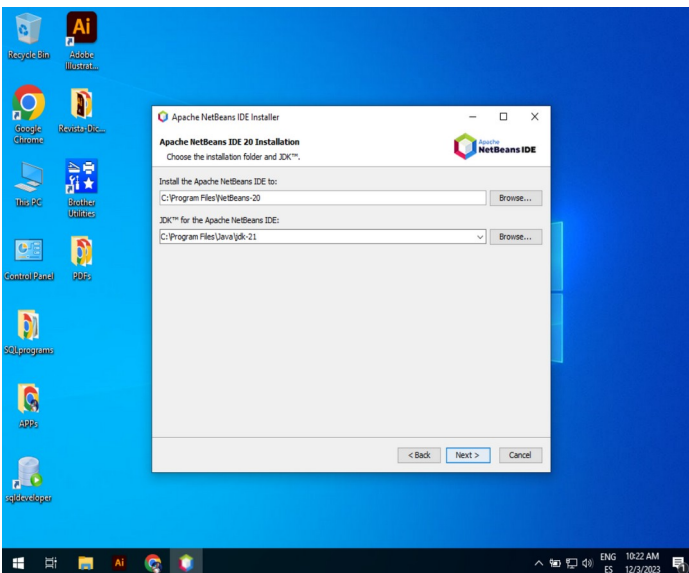
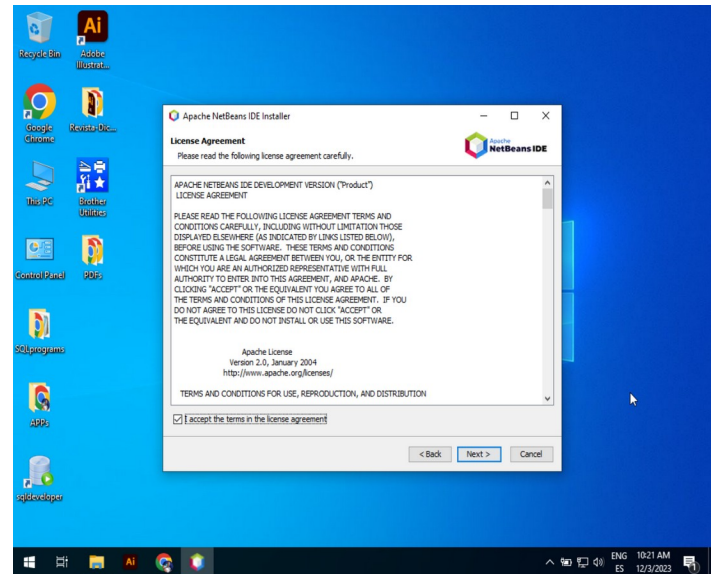
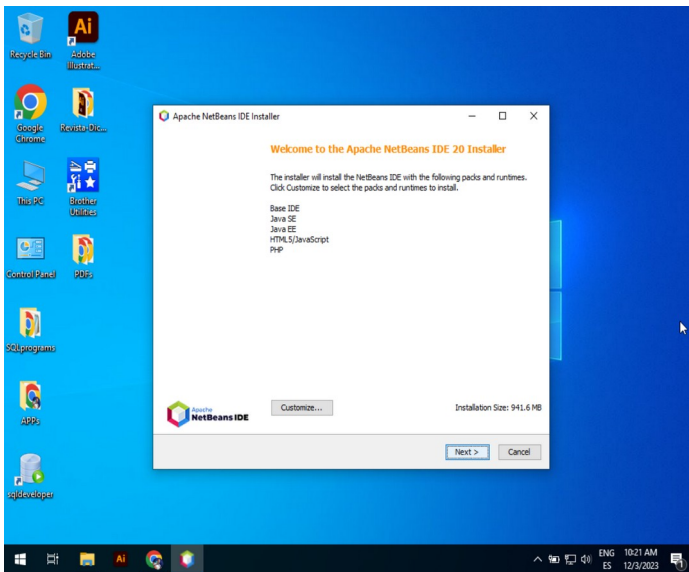
- **Requisitos:** Los requisitos básicos de nuestra tarea de desarrollo resultan los siguientes:
- Usar un Entorno de Desarrollo (IDE) libre. En este caso, nuestro cliente ha elegido **Netbeans**.
- A su vez, también nos ha trasladado su voluntad de que trabajemos sobre **Windows**, como nuestro sistema operativo.

1. Instalación del Kit de Desarrollo de Java (JDK) y Netbeans

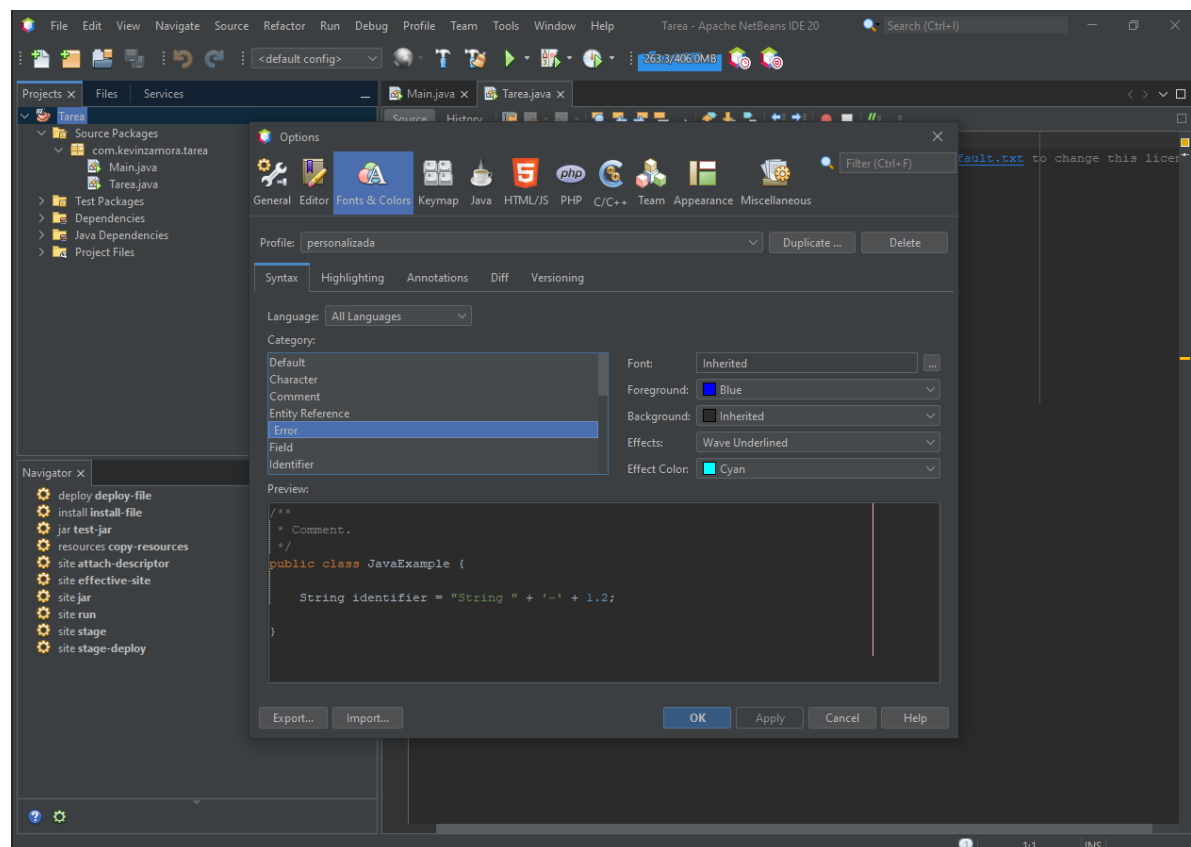
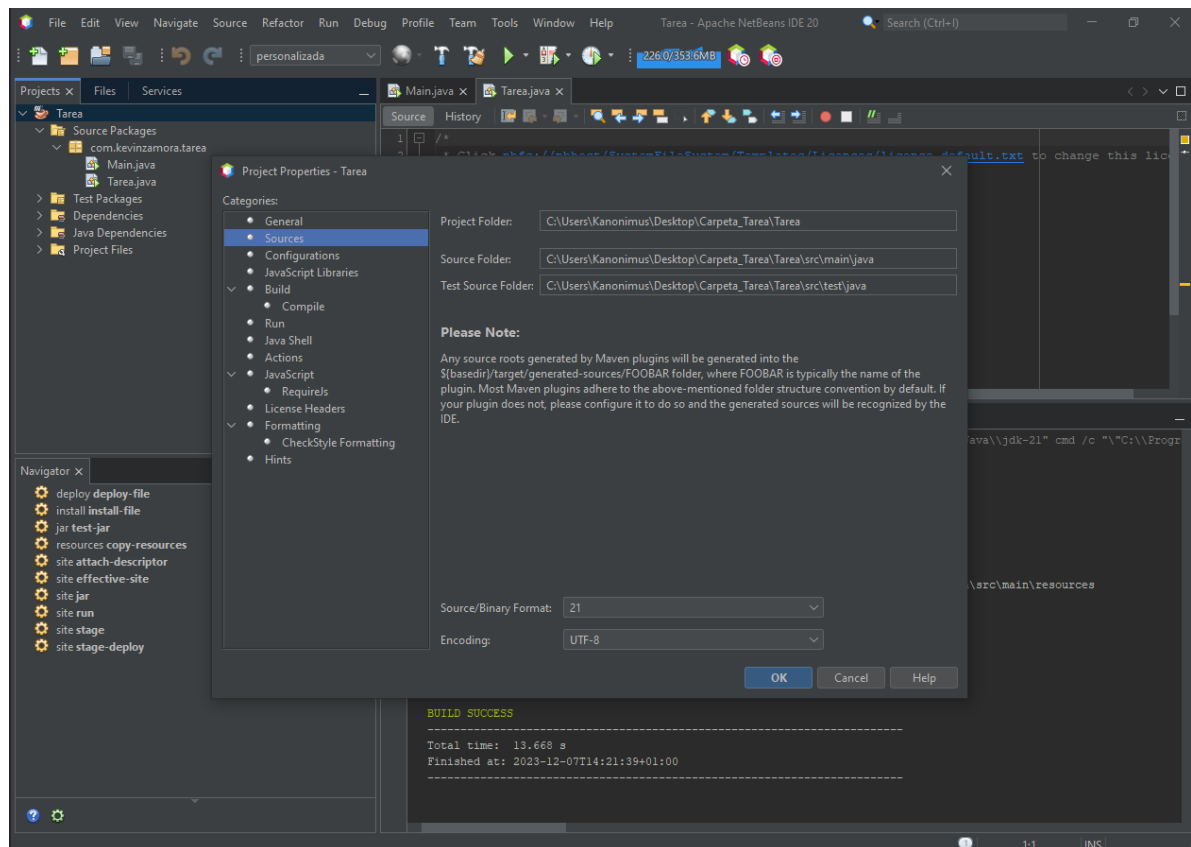
- **Java JDK**

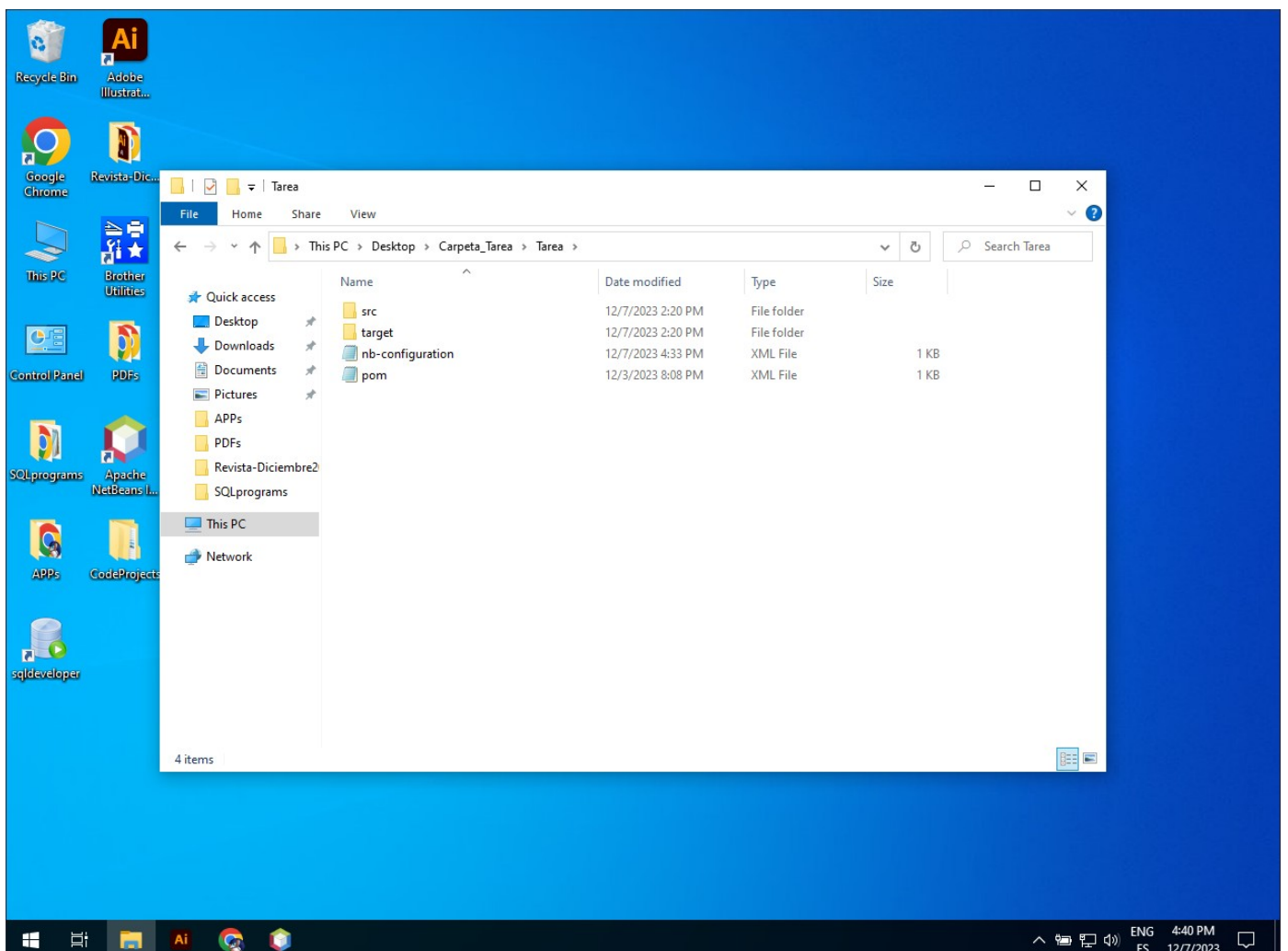
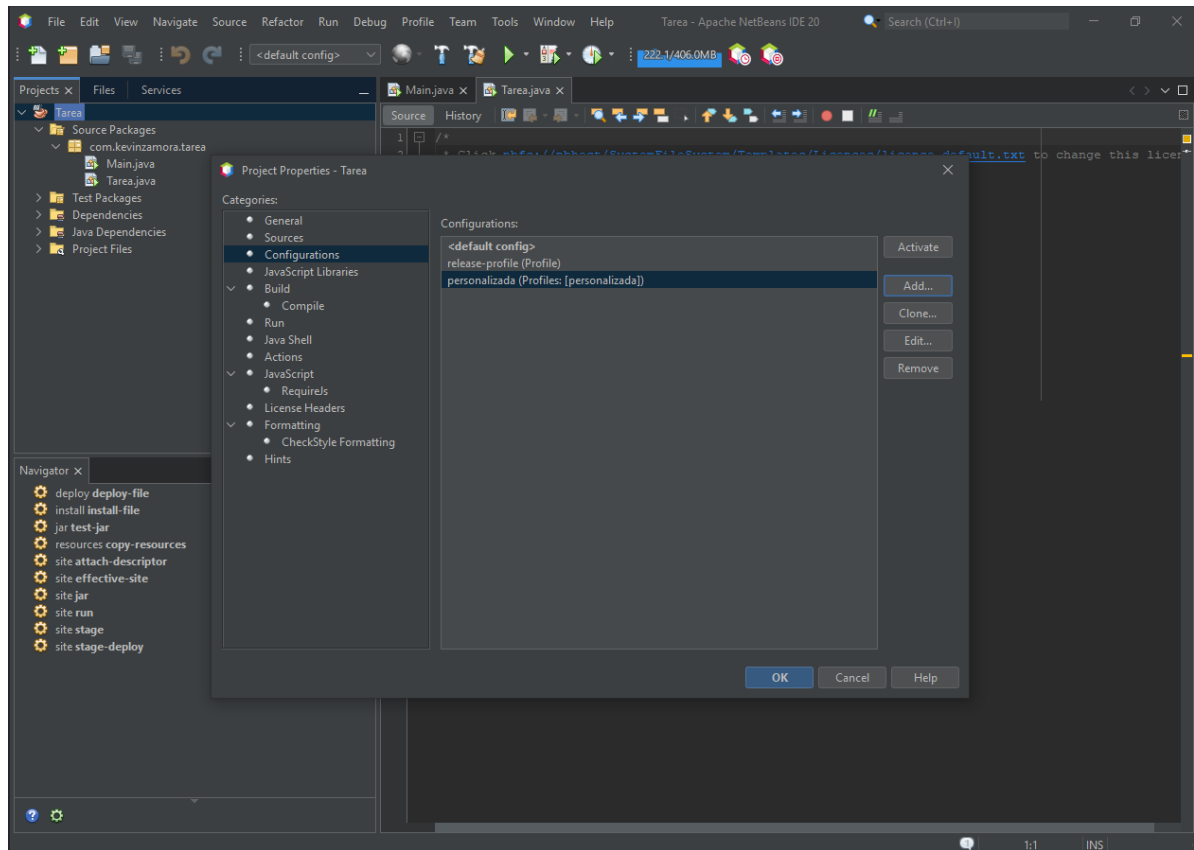


• Instalación de Netbeans



2. Personalizamos la configuración del IDE y creamos una configuración nueva llamada *personalizada*.





3. Editamos el código de nuestra aplicación, añadimos las librerías requeridas y procedemos a compilarla y ejecutarla.

The first screenshot shows the Apache NetBeans IDE with the project 'Tarea' open. The 'Main.java' file is selected, displaying the following code:

```

1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4  */
5
6  package com.kevinzamora.tarea;
7
8  import javax.swing.JFrame;
9  import javax.swing.JLabel;
10
11  /**
12   *
13   * @author Kanonimus
14   */
15  public class Main extends JFrame {
16
17      public Main() {
18          JLabel lblSaludo = new JLabel("Hola Mundo. Creando mi primer ejemplo");
19          add(lblSaludo);
20          this.setSize(400, 200);
21          this.setTitle("Prueba con JFrame");
22          this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
23          this.setVisible(true);
24      }
25
26      public static void main(String[] args) {
27          Main main = new Main();
28      }
29  }

```

The second screenshot shows the same IDE with the 'Tarea.java' file selected. The code is:

```

1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4  */
5
6  package com.kevinzamora.tarea;
7
8  /**
9   *
10   * @author Kanonimus
11   */
12  public class Tarea {
13      public static void main(String[] args) {
14          Main main = new Main();
15      }
16  }

```

A window titled 'Prueba con JFrame' is displayed in the foreground, showing the text: 'Hola Mundo. Creando mi primer ejemplo'.

The 'Output - Run (Tarea)' window at the bottom shows the execution log:

```

cd C:\Users\Kanonimus\Desktop\CodeProjects\Tarea; "JAVA_HOME=C:\Program Files\Java\jdk-21" cmd /c "%C:\Program Files\NetBeans-2
Scanning for projects...

-----< com.kevinzamora:Tarea >-----
Building Tarea 1.0-SNAPSHOT
from pom.xml
-----[ jar ]-----

--- resources:3.3.1:resources (default-resources) @ Tarea ---
skip non existing resourceDirectory C:\Users\Kanonimus\Desktop\CodeProjects\Tarea\src\main\resources

--- compiler:3.11.0:compile (default-compile) @ Tarea ---
Changes detected - recompiling the module! :source
Compiling 2 source files with javac [debug target 21] to target\classes

--- exec:3.1.0:exec (default-cli) @ Tarea ---

BUILD SUCCESS

Total time: 01:18 min
Finished at: 2023-12-06T22:14:17+01:00

```