

# Guía de instalación y uso de **Visual Paradigm**

Walter Martín Lopes

A large, dark blue, diagonal shape that starts from the bottom left and extends towards the top right, covering the lower half of the page.

# Instalación e integración con el IDE

En este caso, realizaremos la instalación e integración con NetBeans 15, aunque la integración con otros IDE es muy similar y comparten la mayoría de pasos.

**1** - En primer lugar, nos dirigimos al sitio web principal de Visual Paradigm e iniciamos la descarga.

<https://www.visual-paradigm.com/download/>

[HOME](#) / [DOWNLOAD](#)

Download Visual Paradigm

No risk. No obligation. No registration. 30-day FREE Trial

Version: 17.0

Build number: 20230401

**Download Visual Paradigm  
FREE Trial**

SSL Secure Connection

For Windows 64bit

[More Options](#) | [System Requirements](#) | [End User License Agreement](#) | [Release Notes](#)

[Download Features List](#)[Product Leaflet](#) | [Brief Feature List](#) | [Full Feature List](#)

## Other download

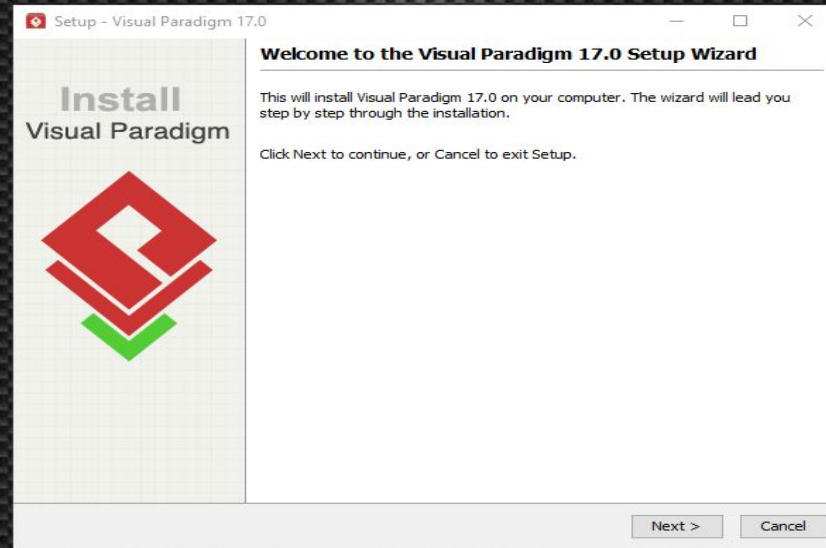
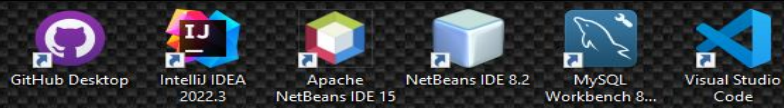
Get Community Edition  
FREE for non-commercial use

Get VP-Viewer  
FREE VP project browser

[Download Old Versions](#)

## Uninstall Guidelines

2 - Una vez descargado, seguiremos los pasos del asistente de instalación (todo a 'next').

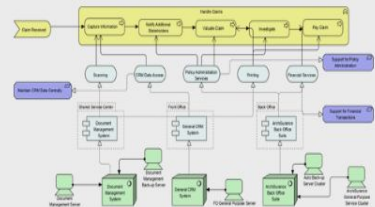
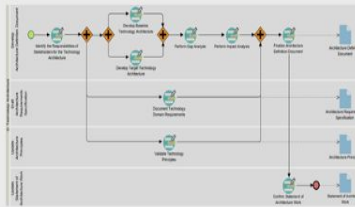


3 - Una vez instalado, procedemos a realizar la integración con el IDE, en este caso NetBeans 15. Para ello nos vamos a la ventana

*Window/Integration/IDE Integration*

# Welcome to Visual Paradigm Enterprise

Enterprise Archt. PM & Agile Business Design CX UX Tabular Quality Control System Design Cloud Arch. Design Strategic Analysis Data Visualization Block Process Map Model Analysis Team Reasons to buy



## Architecture Frameworks

Create architecture views with traceability maintained among views. Manage and access the views through the grid interface.

- DoDAF +
- NAF +
- MODAF +

## EA Process (Guide-Through / JIT Process / Canvas)


Actionable process map / canvases that guides you through the planning, design and development of EA and business processes.

- TOGAF ADM Guide-Through Process +
- TOGAF ADM Just-in-Time Process Map +
- Business Process Reengineering +
- Business Motivation Model +

## EA Modeling

Visualize EA and business processes with ArchMate and BPMN business process diagrams.

- ArchMate +
- BPMN +

 Store and share your design on your cloud workspace  
Enjoy additional features like web diagrams, SIWOT, and more.

 Jump start your design with diagram templates  
Draw your own diagrams with predefined templates. Hundreds of templates are available. Visit our Community Circle for details.



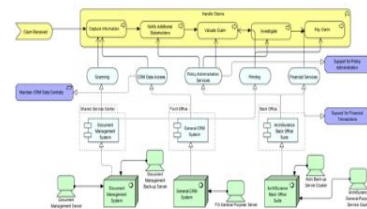
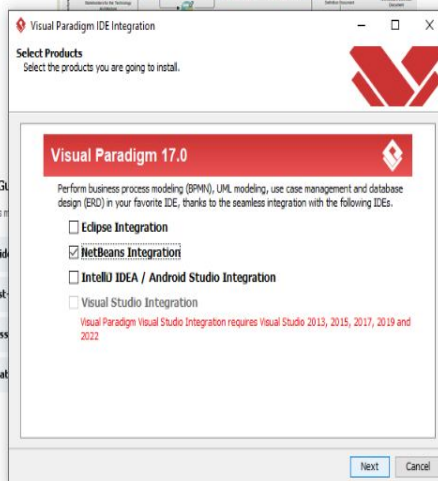
4 - En la siguiente ventana debemos indicar el IDE donde queremos integrar Visual Paradigm, como hemos dicho anteriormente en este caso marcaremos la casilla '*NetBeans Integration*'

Enterprise Archt.	PM & Agile	Business Design	CX	UX	Tabular	Quality Control	System Design	Cloud Arch. Design	Strategic Analysis	Data Visualization	Block	Process Map	Model Analysis	Team	Reasons to buy
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Create architecture views with traceability maintained among views. Manage and access the views through the grid interface.

DuDAF	+
NAF	+
MDDAF	+



Visualize EA and business processes with ArchiMate and BPMN business process diagrams.



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5 - Seguidamente indicaremos la ruta donde se encuentra instalado el IDE en cuestión.

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Visual Paradigm IDE Integration

IDE Configuration

Specify the installation directory of IDE(s).

Visual Paradigm 17.0 NetBeans Integration

NetBeans Directory

Install in existing NetBeans

Directory: C:\Program Files\NetBeans-15\Netbeans

Back

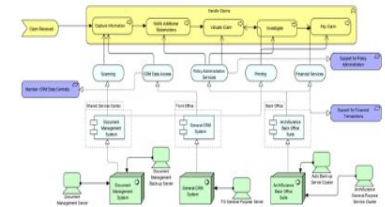
Next

Cancel

## EA Process (C)

Actionable process

- TOGAF ADM Ga +
- TOGAF ADM Ju +
- Business Proce +
- Business Motiv +



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- ArchiMate +
- BPMN +

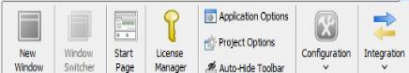
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6 - Ahora toca esperar a que se realice la integración con el IDE y seguidamente comprobaremos si se ha realizado correctamente.



## Welcome to Visual Paradigm Enterprise

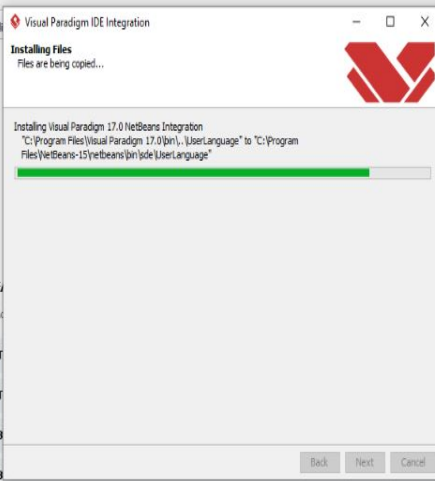
Enterprise Archt. PM &amp; Agile Business Design CX UX Tabular Quality Control System Design Cloud Arch. Design Strategic Analysis Data Visual



### Architecture Frameworks

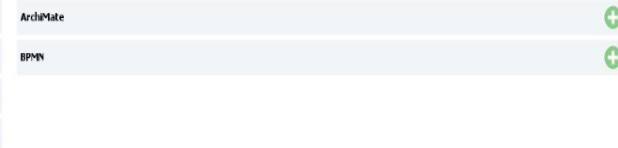
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DoDAF	+
NAF	+
MODAF	+



### EA Modeling

Visualize EA and business processes with ArchiMate and BPMN business process diagrams.

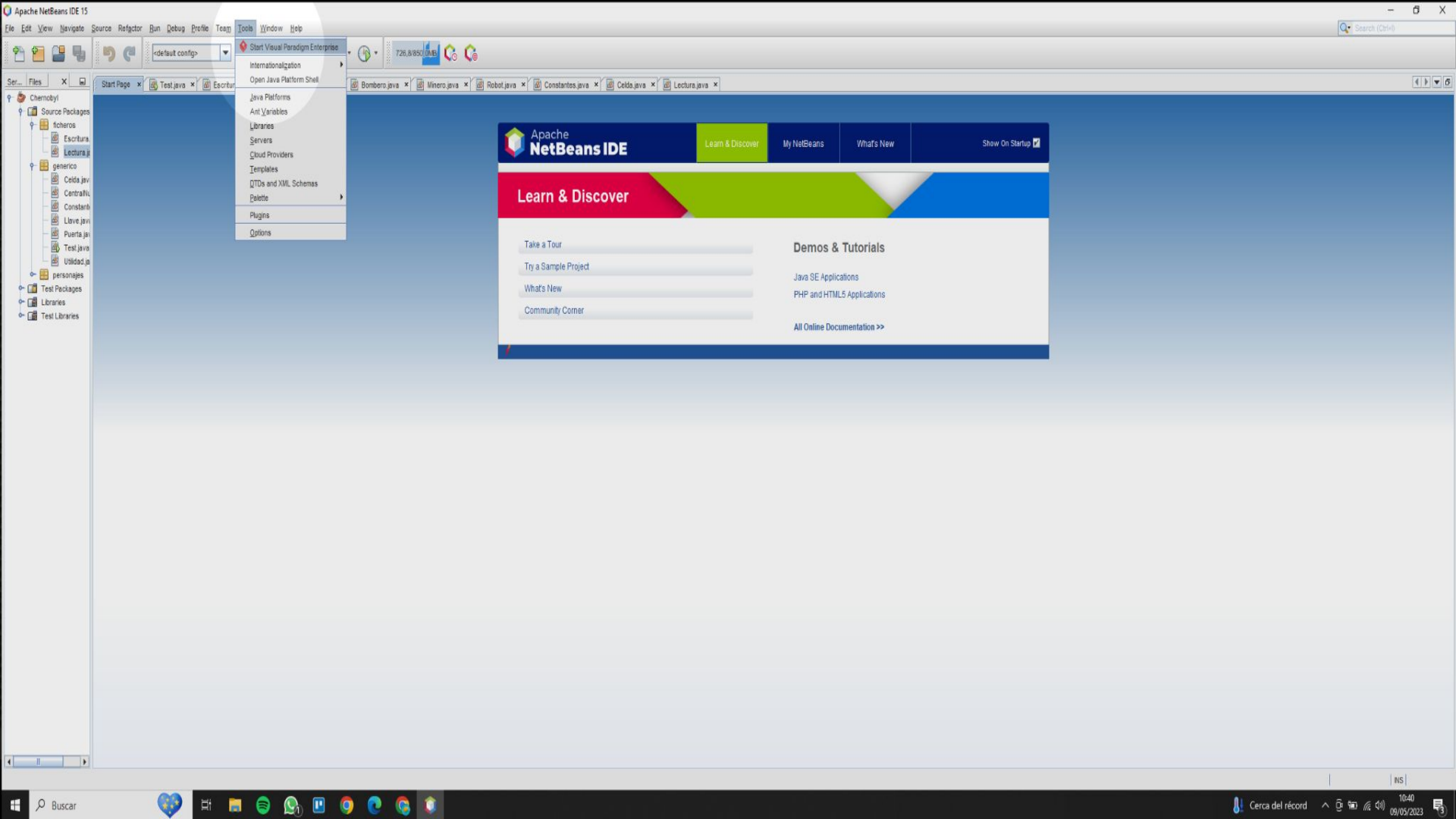


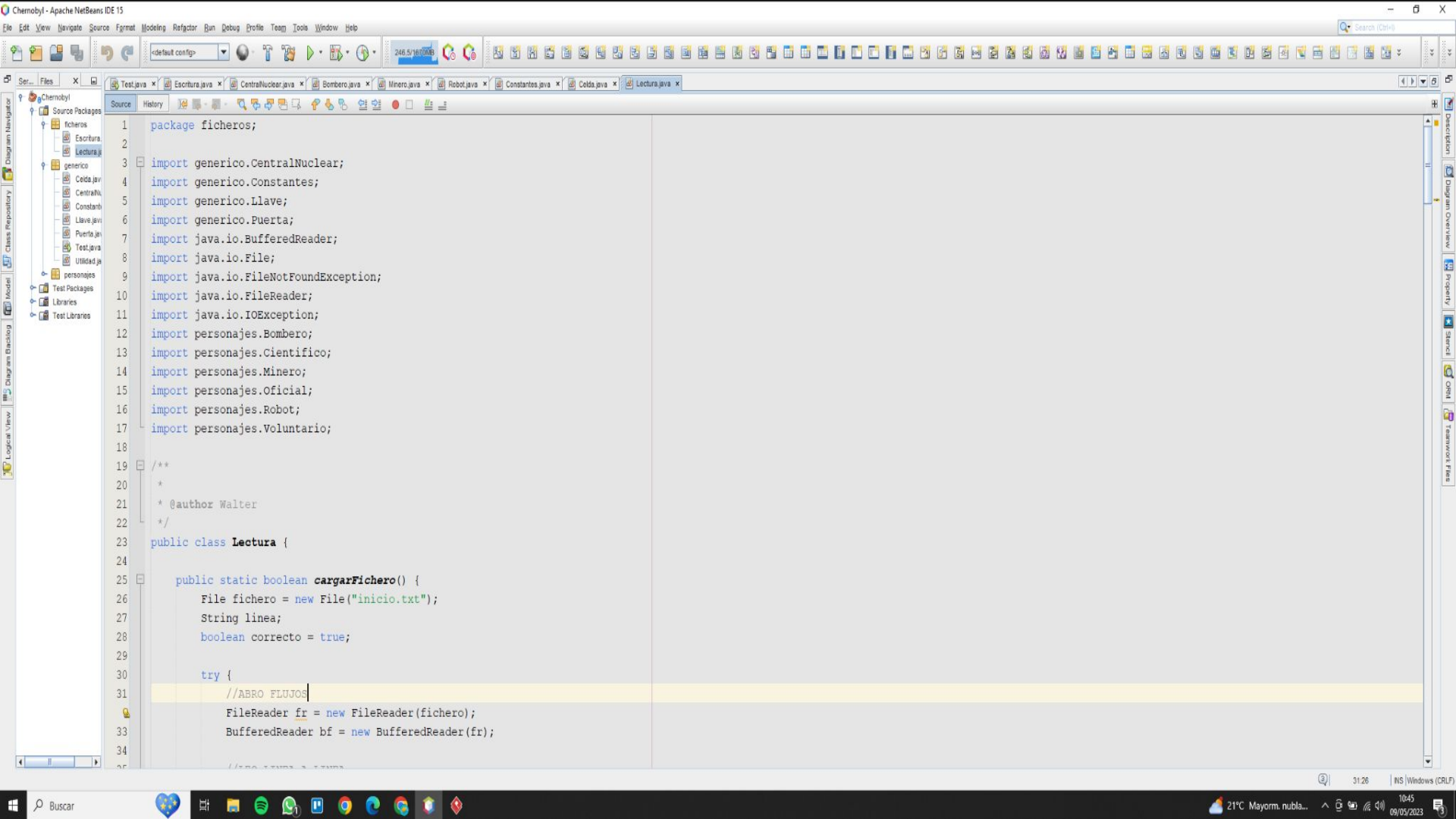
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# Uso de Visual Paradigm

A continuación mostraré como usar esta herramienta, en primer lugar generando los diagramas UML a partir de un código Java, y en segundo lugar generando el código correspondiente a partir de diagramas UML.

7 - En primer lugar, vamos a generar diagramas UML a partir de código, para ello abrimos Visual Paradigm y hacemos click en

*Tools/Code/Reverse Java Code*

untitled - Visual Paradigm Enterprise (Evaluation Copy)

DashProjectITSMAgileDiagramViewTeamToolsModelingWindowHelp

Doc ComposerPublish ProjectDBHibernatedCodeAPIQuality Control

Generate Java Code...Reverse Java Code...Reverse Java Code...Reverse C++ Code...Instant Generator...Instant Reverse...Generate State Machine Code...Reverse State Machine Code...Instant Reverse Java to Sequence Diagram...

Diagram Navigator

Enterprise Archt. PM & Agile Business DesignSystem DesignCloud Arch. DesignStrategic AnalysisData VisualizationBlockProcess MapModel AnalysisTeamReasons to buy

Architecture Frameworks

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DoDAF+NAFMODAF

TOGAF ADM Guide-Through ProcessTOGAF ADM Just-in-Time Process MapBusiness Process ReengineeringBusiness Motivation Model

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ArchiMateBPMN

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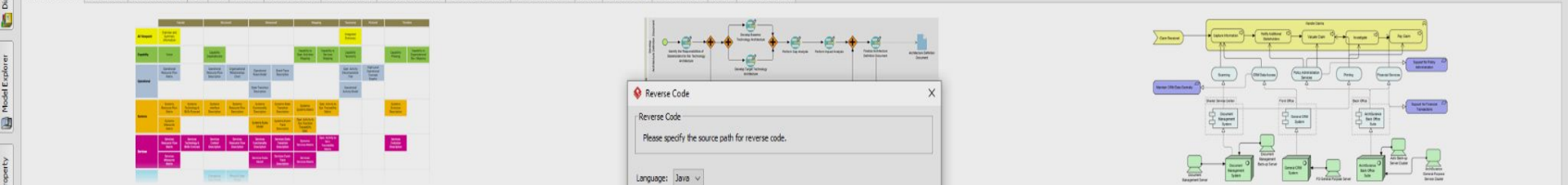
Buscar

21°C Mayorm. nubla...10:4509/05/2023

8 - En la siguiente ventana tendremos que indicar la ruta del proyecto que queremos usar para generar el diagrama UML.

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### EA Process (Guide-T)

Actionable process map / Model

Source Path: hernoby/2223-yjp-walterMLChemobyl <root>

Language: Java

☒ Reverse source on demand (You can drag and drop from Class Repository to diagram to reverse)

OK Cancel Help

### EA Modeling

Visualize EA and business processes with ArchiMate and BPMN business process diagrams.

- ArchiMate
- BPMN

### Store and share your design on your cloud workspace

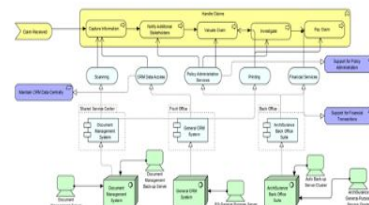
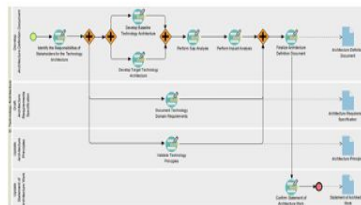
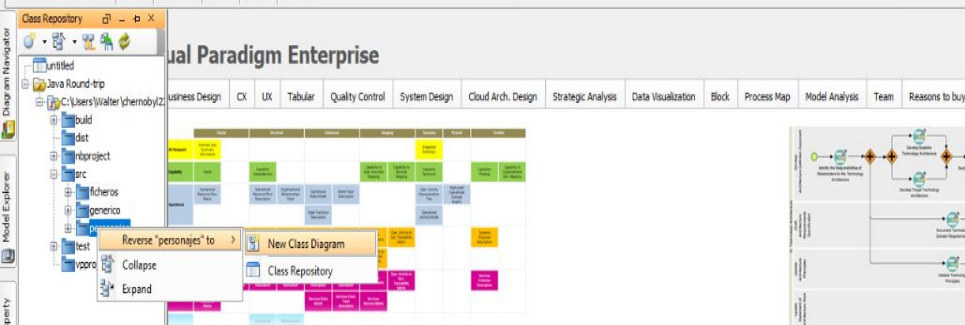
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





9 – Una vez cargado el proyecto, elegiremos la clase o el paquete del cual queremos generar el diagrama UML, haremos click derecho sobre el archivo y haremos click en *New Class Diagram*.

En mi caso voy hacer el diagrama del paquete ‘Personajes’ completo de la práctica de programación.



## EA Modeling

Visualize EA and business processes with ArchiMate and BPMN business process diagrams.

- |                                    |   |
|------------------------------------|---|
| TOGAF ADM Guide- Through Process   |    |
| TOGAF ADM Just-in-Time Process Map |   |
| Business Process Reengineering     |    |
| Business Motivation Model          |   |

- |           |   |
|-----------|---|
| ArchiMate | + |
| BPMN      | + |



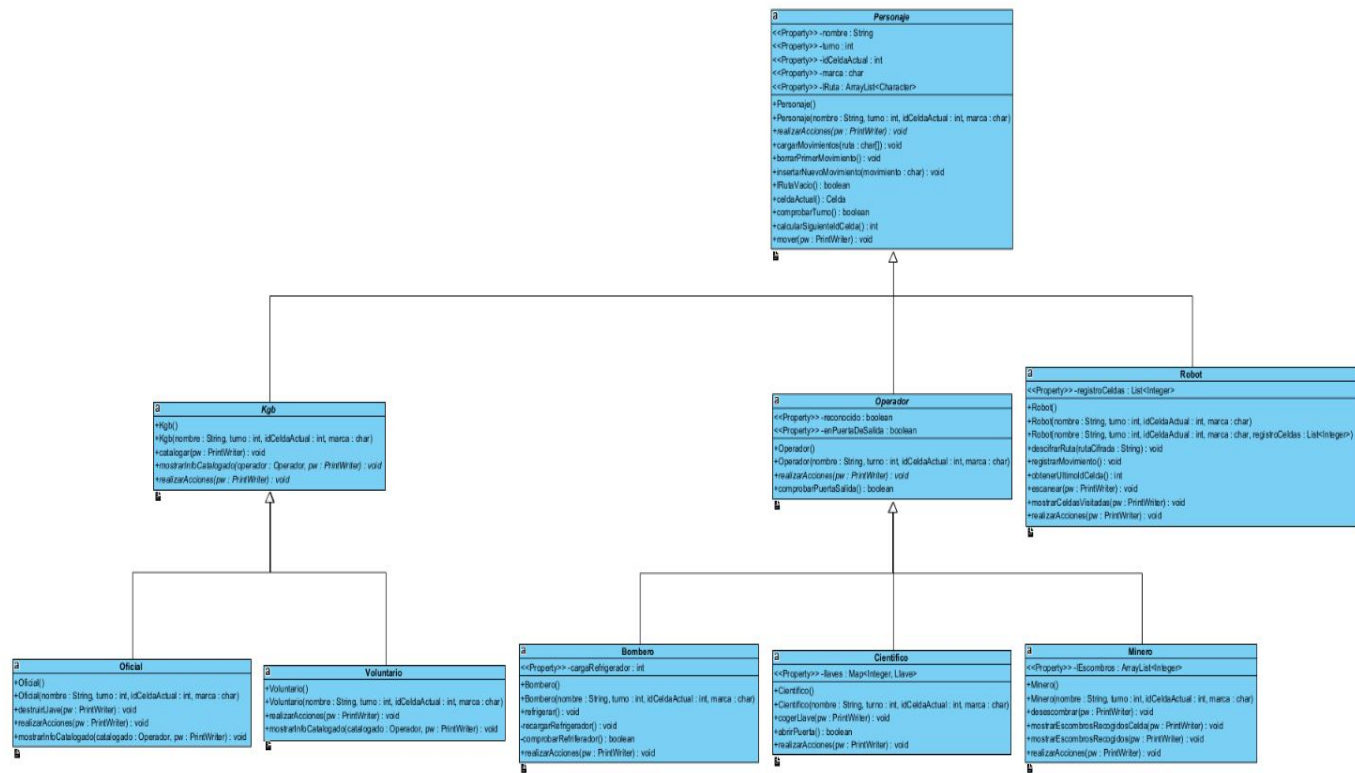
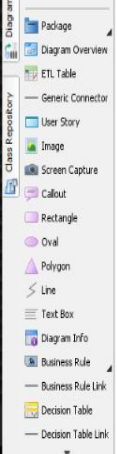
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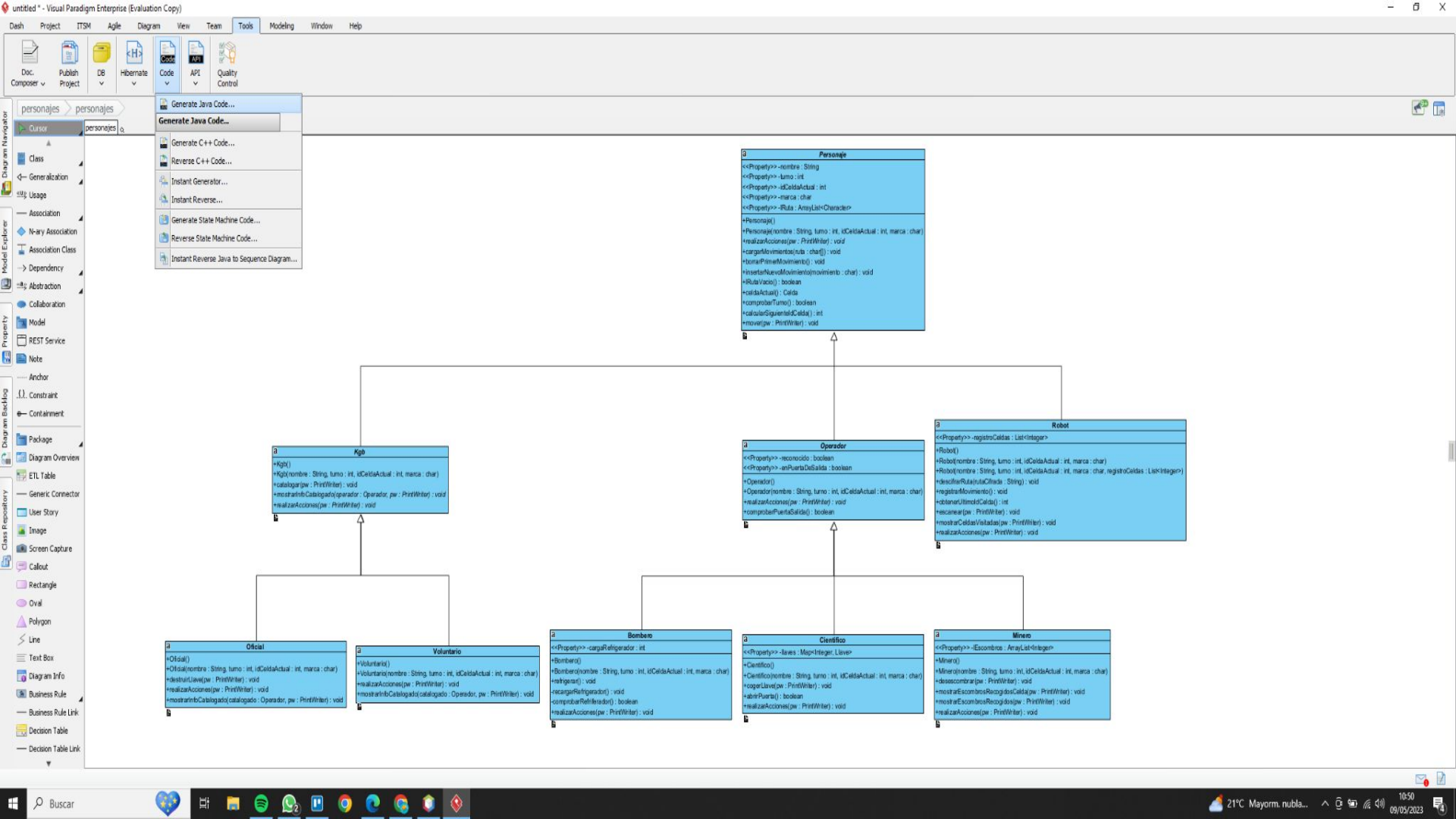




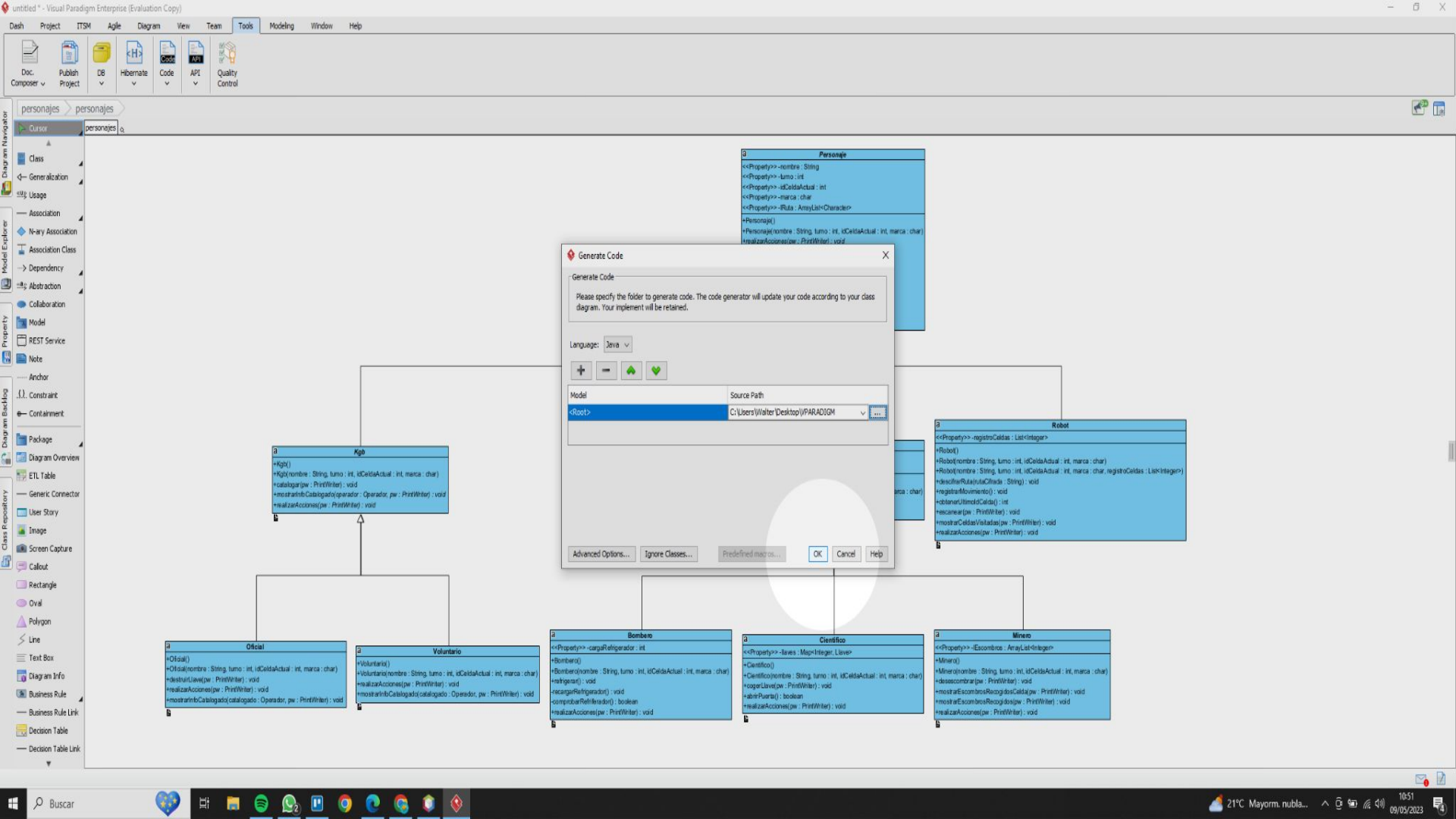


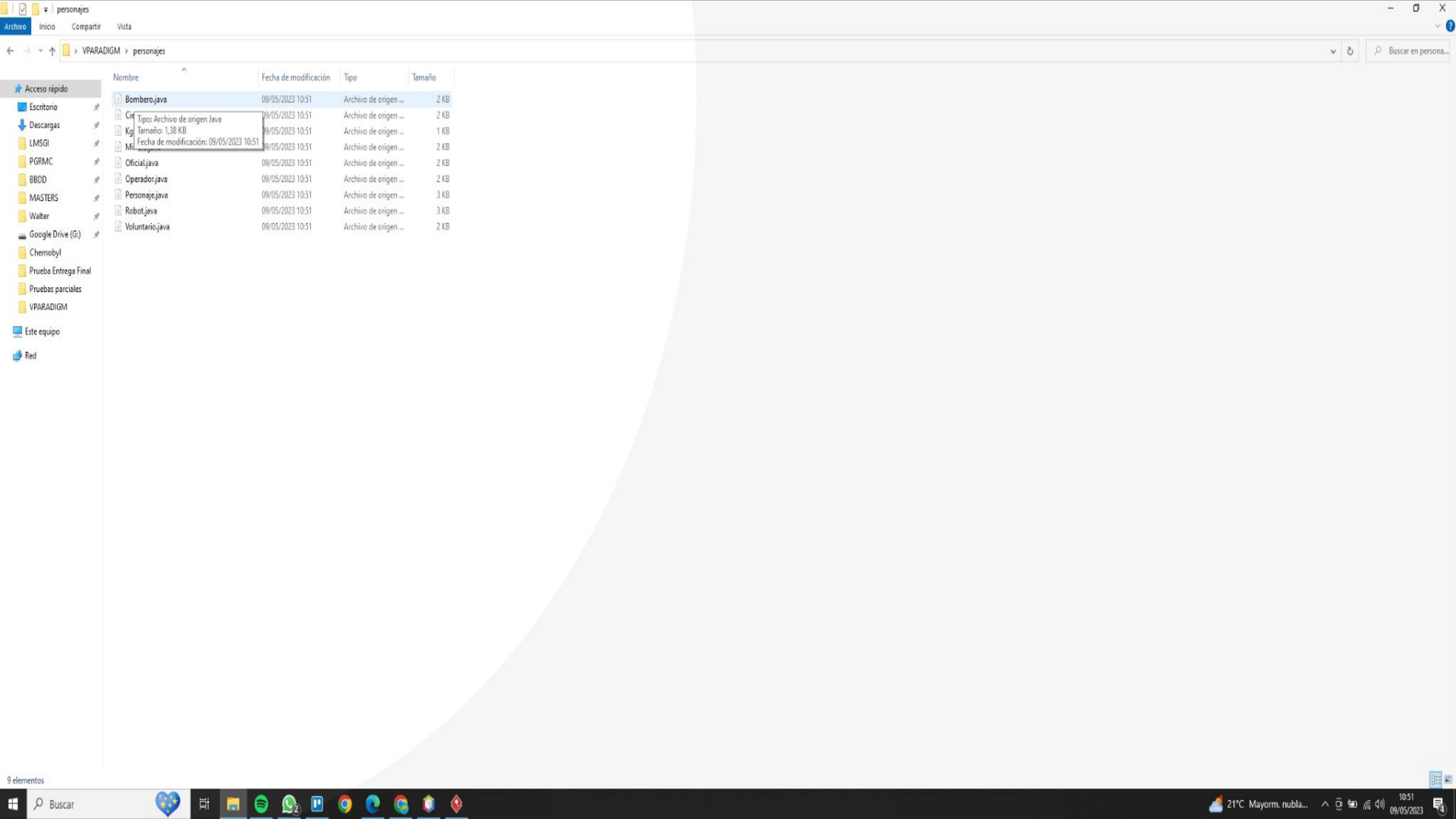
**10** – Una vez generado el diagrama UML, vamos a hacer el paso contrario, vamos a generar el código correspondiente del diagrama generado. Para ello simplemente una vez tenemos cargado el diagrama en el programa, haremos click en

*Tools/Code/Generate Java Code*



**11** – Seguidamente elegimos la ruta de la carpeta donde queremos que se genere el código correspondiente y finalizamos comprobando que se ha generado correctamente.





personajes			
VPARADIGM > personajes			
Nombre	Fecha de modificación	Tipo	Tamaño
Bombero.java	09/05/2023 10:51	Archivo de origen ...	2 KB
Cit Tipos: Archivo de origen Java	09/05/2023 10:51	Archivo de origen ...	2 KB
Kg Tamaño: 1,38 KB	09/05/2023 10:51	Archivo de origen ...	1 KB
Mi Fecha de modificación: 09/05/2023 10:51	09/05/2023 10:51	Archivo de origen ...	2 KB
Oficial.java	09/05/2023 10:51	Archivo de origen ...	2 KB
Operador.java	09/05/2023 10:51	Archivo de origen ...	2 KB
Personaje.java	09/05/2023 10:51	Archivo de origen ...	3 KB
Robot.java	09/05/2023 10:51	Archivo de origen ...	3 KB
Voluntario.java	09/05/2023 10:51	Archivo de origen ...	2 KB