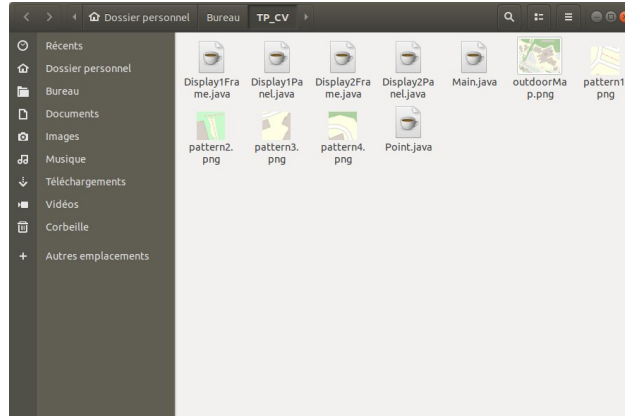
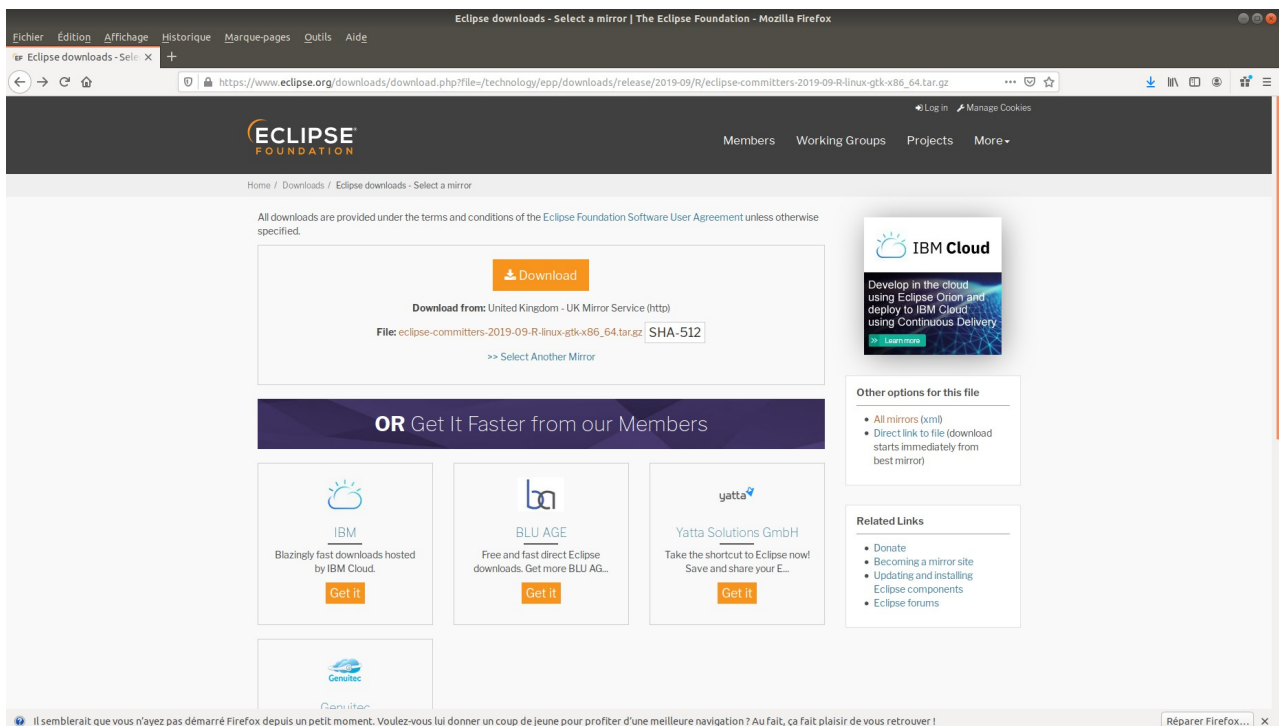


Java in Eclipse Project Setup

1 Download the file list from at https://github.com/gaysimon/TP_pathfinding and place them in a new directory on your session.

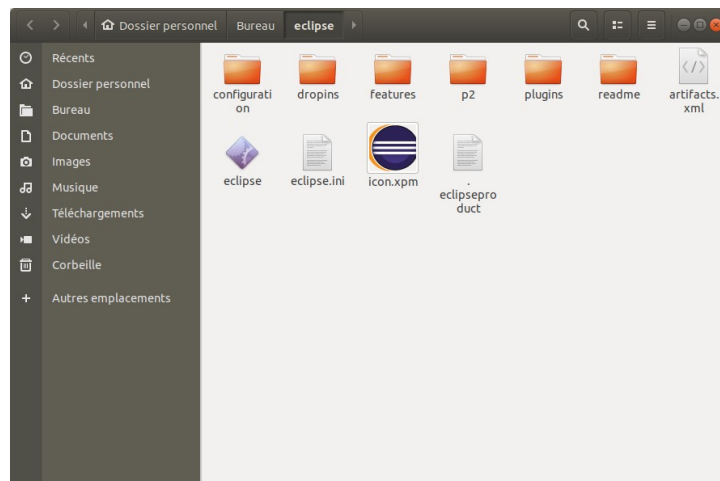


2 Download a portable Eclipse software at the address:
https://www.eclipse.org/downloads/download.php?file=/technology/epp/downloads/release/2019-09/R/eclipse-committers-2019-09-R-linux-gtk-x86_64.tar.gz
Uncompress the archive and place it in your session.

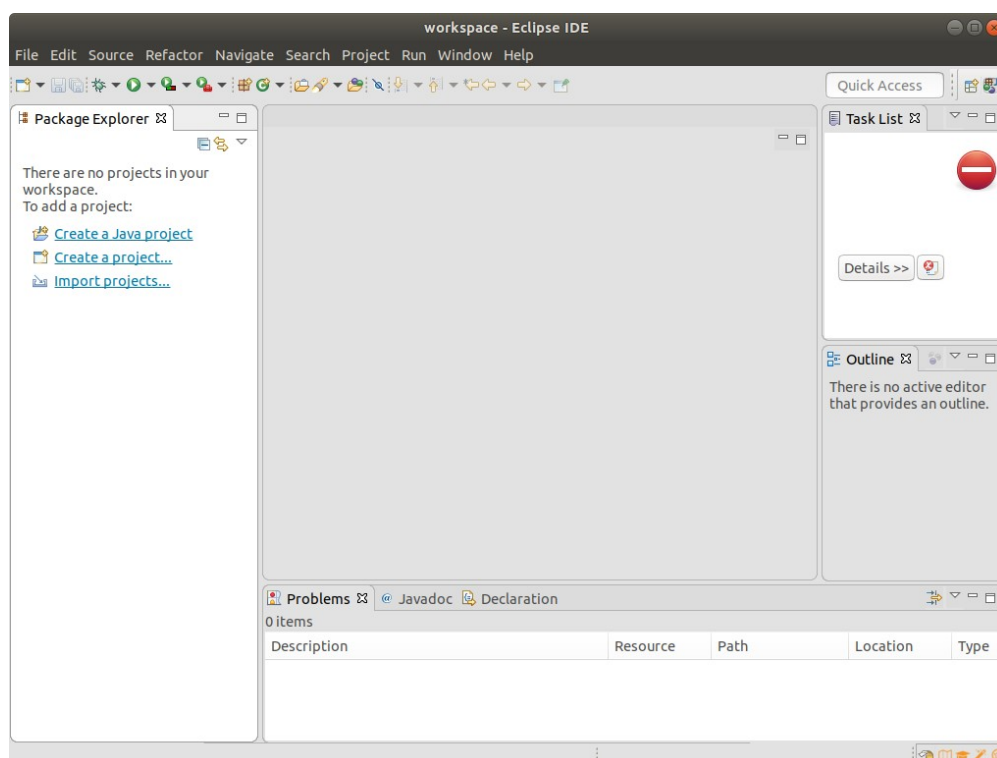
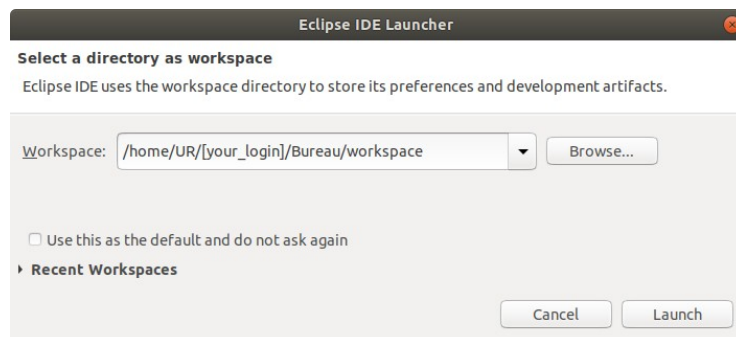


3 Create a directory that will be used as workspace directory for Eclipse. DO NOT COPY THE FILES IN THIS DIRECTORY !

4 In the Eclipse folder, launch the eclipse executable



5 After the initialization of Eclipse, select your workspace directory and click on « launch ». Then, once Eclipse started, click on « workbench » (on top-right corner)



6 We will now create a java project. Click on « create a Java project » (or File → new → Java project)

Then, give a name to your project and select « Use an executable environment JRE » and select « J2SE-1.5 » in the list. Then, click on « Finish » to create the project.

New Java Project

Create a Java project in the workspace or in an external location.

Project name:

☒ Use default location

Location: [Browse...](#)

JRE

☒ Use an execution environment JRE:

☐ Use a project specific JRE:

☐ Use default JRE 'java-11-openjdk-amd64' and workspace compiler preferences [Configure JREs...](#)

Project layout

☐ Use project folder as root for sources and class files

☒ Create separate folders for sources and class files [Configure default...](#)

Working sets

☐ Add project to working sets [New...](#)

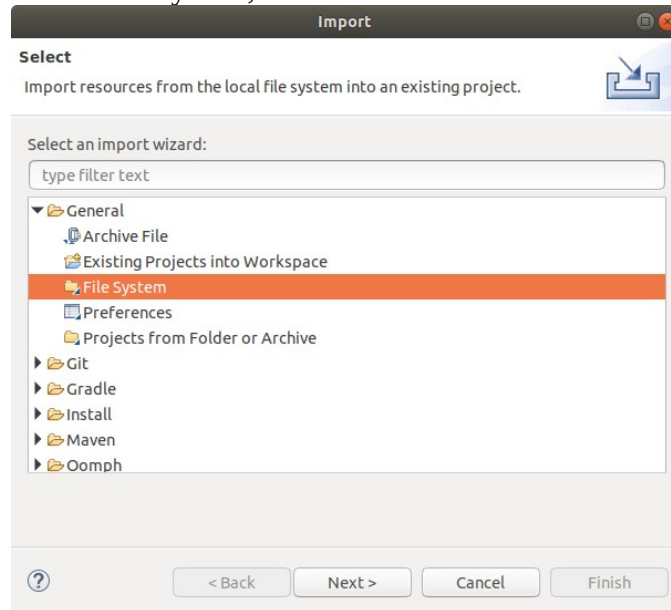
Working sets: [Select...](#)

? The default compiler compliance level for the current workspace is 11. The new project will use a project specific compiler compliance level of 1.5.

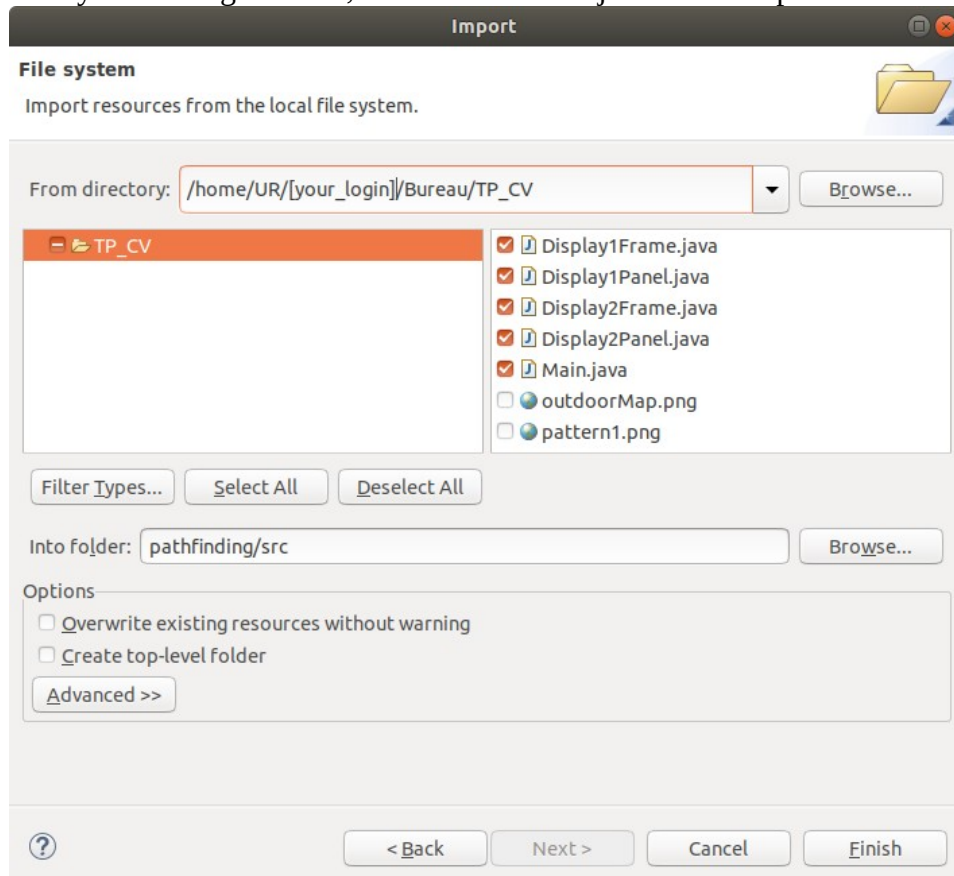
[?< Back](#) [Next >](#) [Cancel](#) [Finish](#)

7 We now import the Java files. On the left part of the interface (Package Explorer), expand your project and click right on « src » and select « import... ».

In the menu, select General → File System, then click « Next »



Select the directory containing the files, and select the six .java files and press « Finish »



Now, in the Package Explorer, click right on the project directory and select « import... ». Again, select General → File System and select your file directory, but this time, you will import the five image (.png) files.

8 Now your project setup is complete (and must look like the image below). Double-click on the Main.java file to display its content and launch it with the green play icon on top of the interface.

