

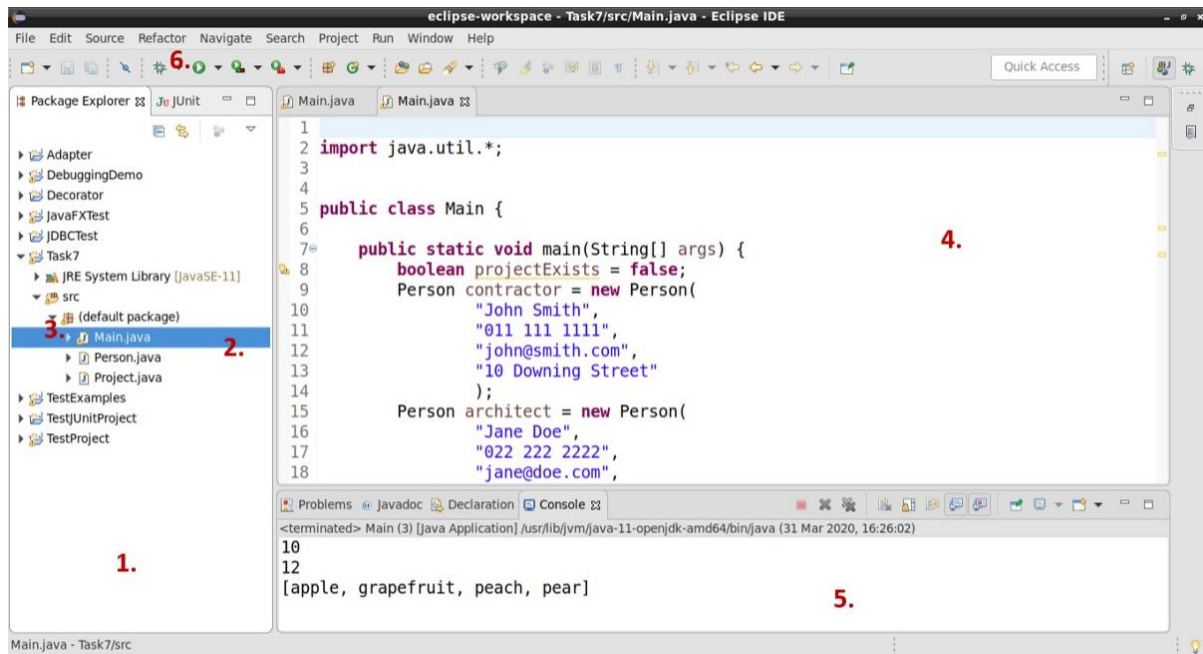


ADDITIONAL READING

Getting to Know Eclipse

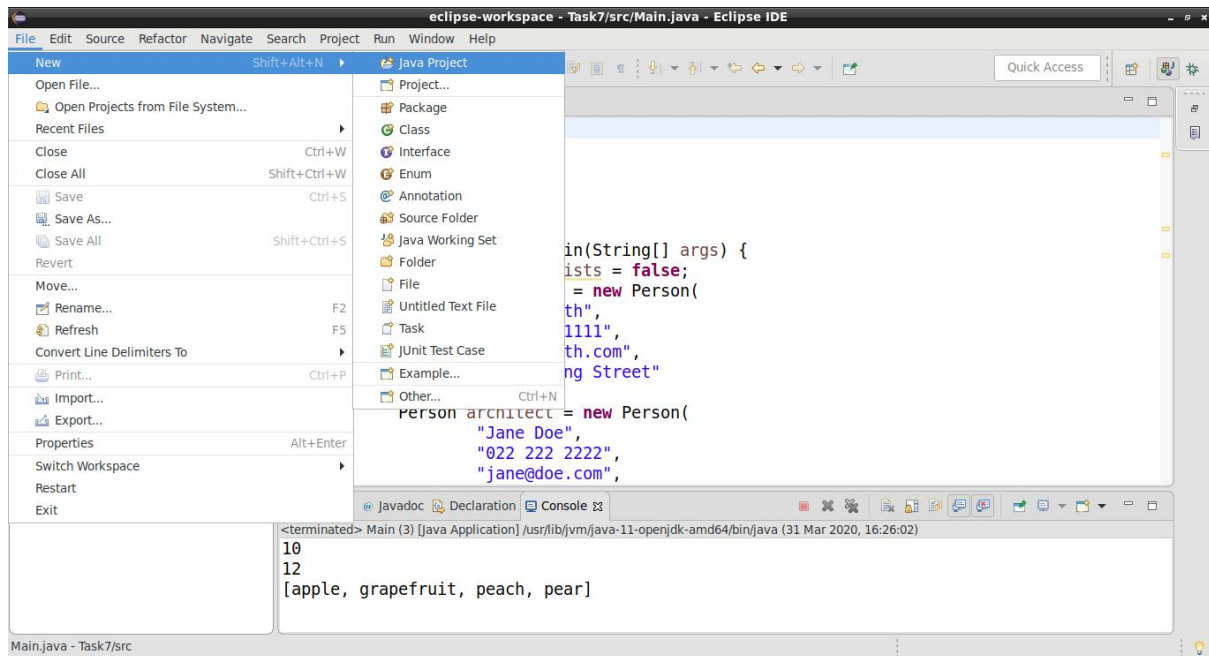
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WINDOWS IN ECLIPSE



1. The Package Explorer. This pane lists all your projects, including the one you're currently working on (2).
2. A project in expanded view. **src** is the folder containing all of your code; inside it are multiple other folders called *packages*. If a class is in a package, it must have the package name in a *package statement* on the first line of the file.
To run an example, drag-and-drop the **.java** files to this folder and then run them.
3. The actual files containing your code! Double-click to open a file.
4. The editing window. Modify your code here.
5. The console. **System.out.print** goes here; **System.in** reads from here.
6. The run button. Press this to compile and run your code.

THE FILE MENU



From here, you can open up or create projects. Don't open a Java file by itself - Eclipse needs supporting structures to run code, and you'll get an error if you try to run a file in isolation. Copy them into a new or existing project to test them.

To create a new project, go to New → Java Project.

New Java Project

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

Project name: **1.**

☒ Use default location

Location:

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...](#)

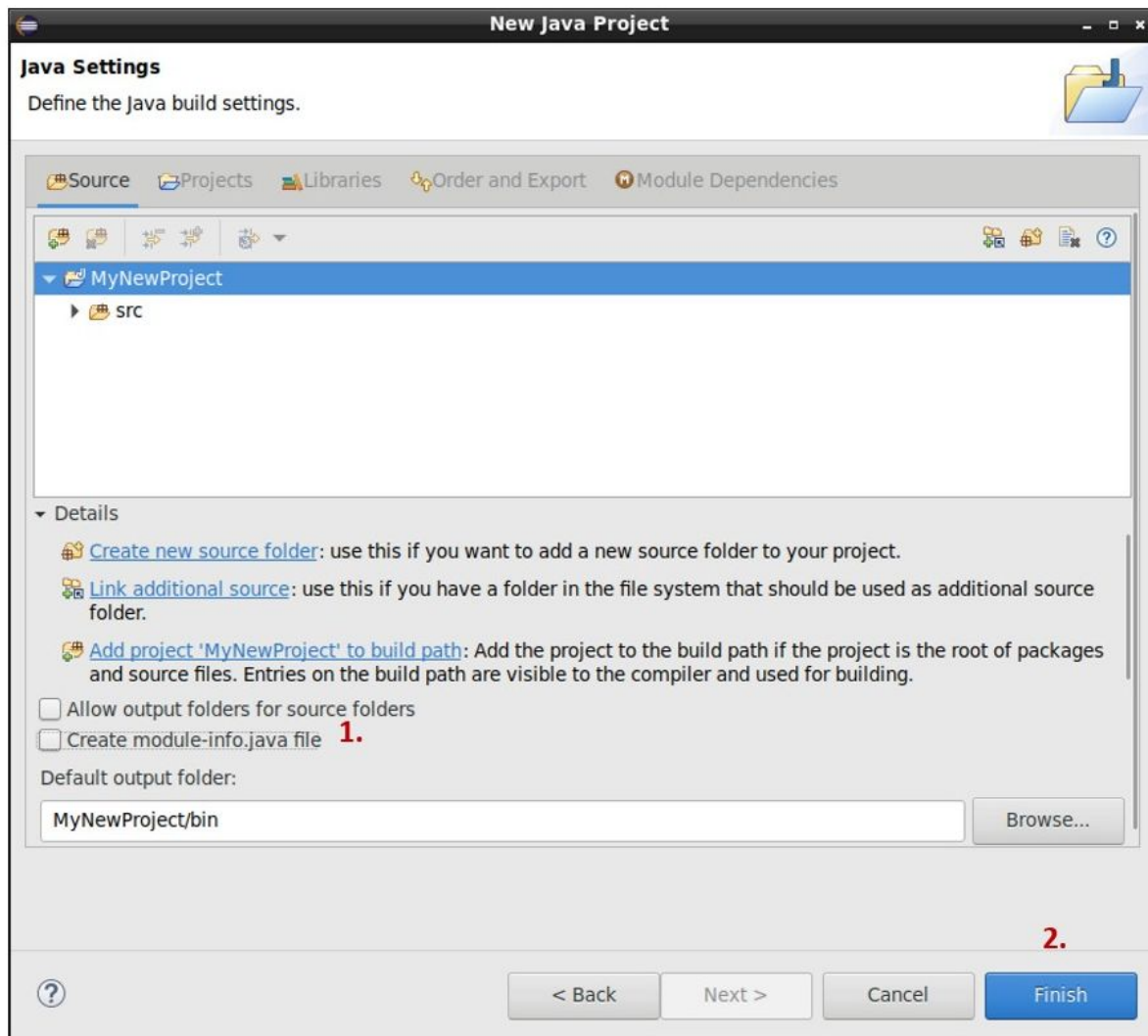
Working sets

☐ Add project to working sets

Working sets:

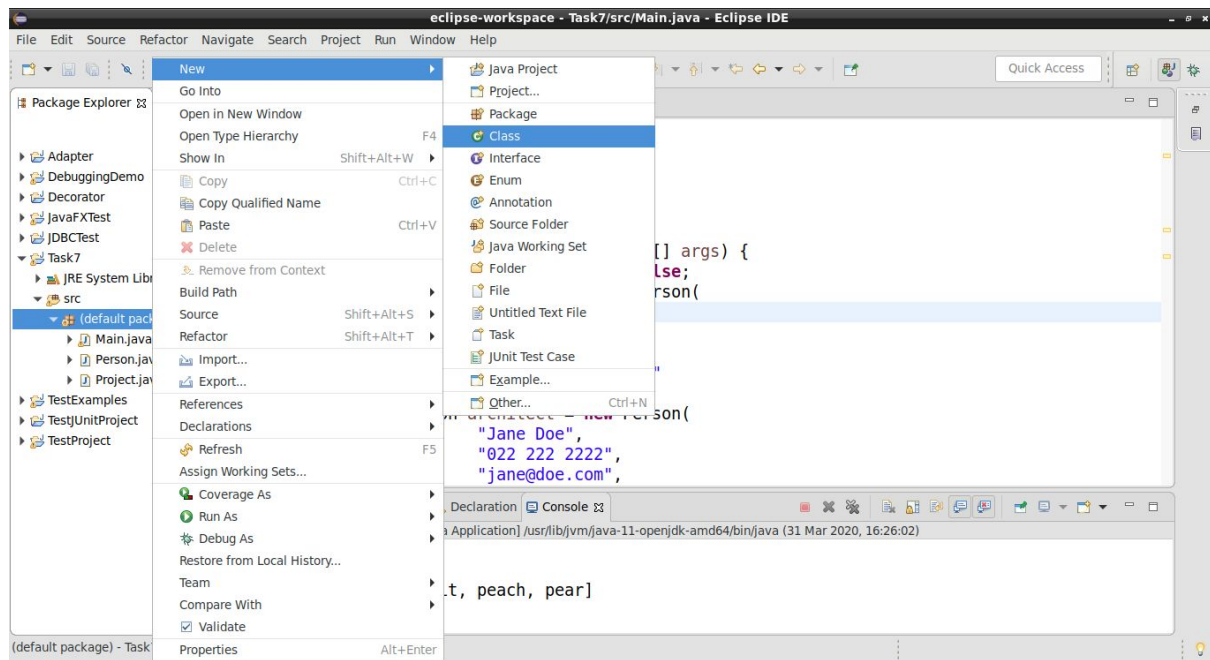
2.

1. The project name. Call it something that makes sense to you! Don't change anything else, then click (2) Next.



1. The module-info option. This box should *not* be ticked. If it is, untick it, then press (2) Finish.

After that, the project will appear in the Package Manager. To add code, right-click src or your package (here, task1) and go to New → Java Class:



This will prompt you with the following dialogue:

New Java Class

Create a new Java class.

Source folder: Task7/src Browse...

Package: yourpackagenamehere Browse...

☐ Enclosing type: Browse...

Name: MyNewClass **1.**

Modifiers: ☒ public ☐ package ☐ private ☐ protected
☐ abstract ☐ final ☐ static

Superclass: java.lang.Object Browse...

Interfaces: Add...
Remove

Which method stubs would you like to create?

2. ☐ public static void main(String[] args)
☐ Constructors from superclass
☒ Inherited abstract methods

Do you want to add comments? (Configure templates and default value [here](#))
☐ Generate comments

? Cancel Finish

1. Class name. Enter whatever you like here; start with a capital.
2. If this is the main class of the project, tick this box to generate the main method for you.
3. Click Finish when done.