



Introduction

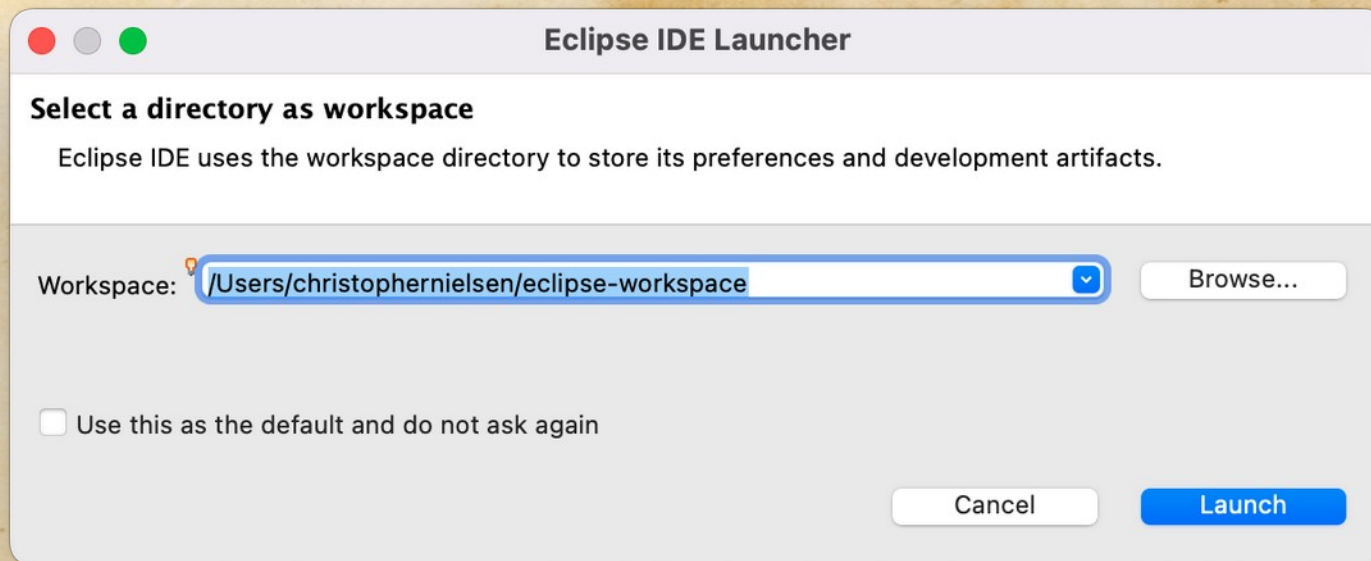
*Integrated Development Environment (IDE):
Eclipse – Hello World*

Lecture Contents

- Previously, on Installing Eclipse...
-

Previously, on Installing Eclipse...

- When you start Eclipse...
 - the default directory should be fine.
 - **this is where your code will be saved!**



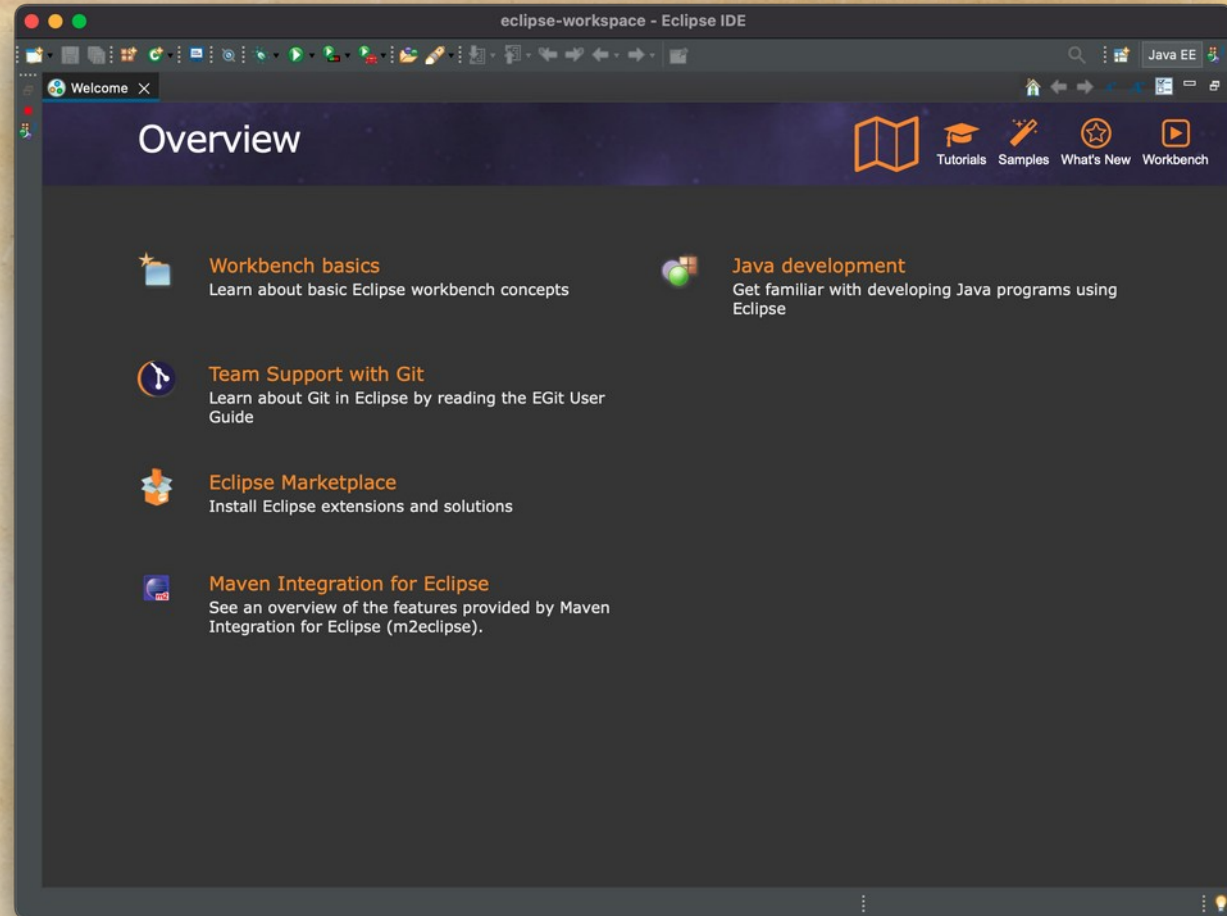
Previously, on Installing Eclipse...

- If you get here, then it seems you have Eclipse installed successfully.

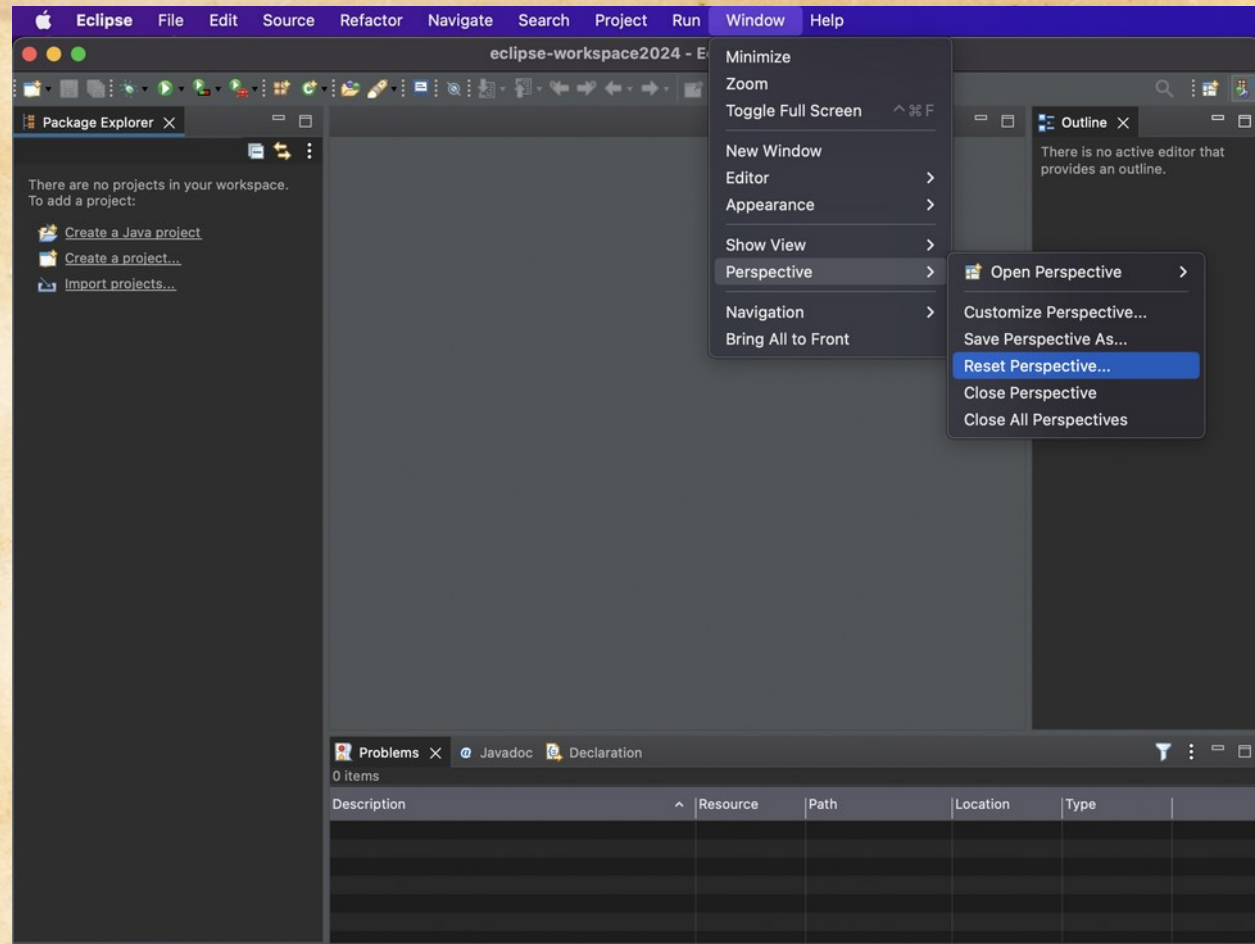


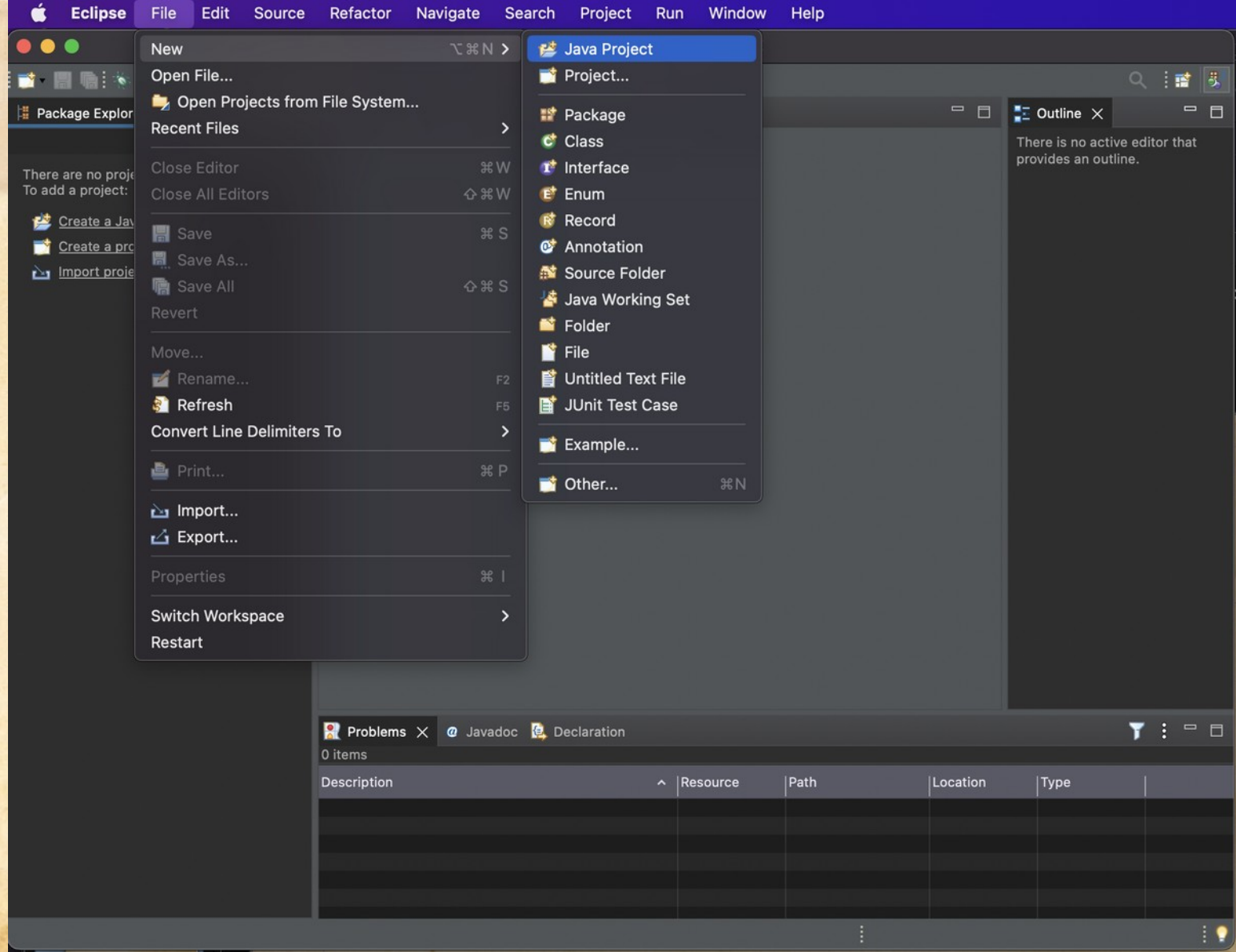
Congratulations!

- Next step is writing your first Java program!



- **Hint:** If you ever lose your “**Package Explorer**” or other tabs, “**Reset Perspective...**” might restore the interface to the default settings...

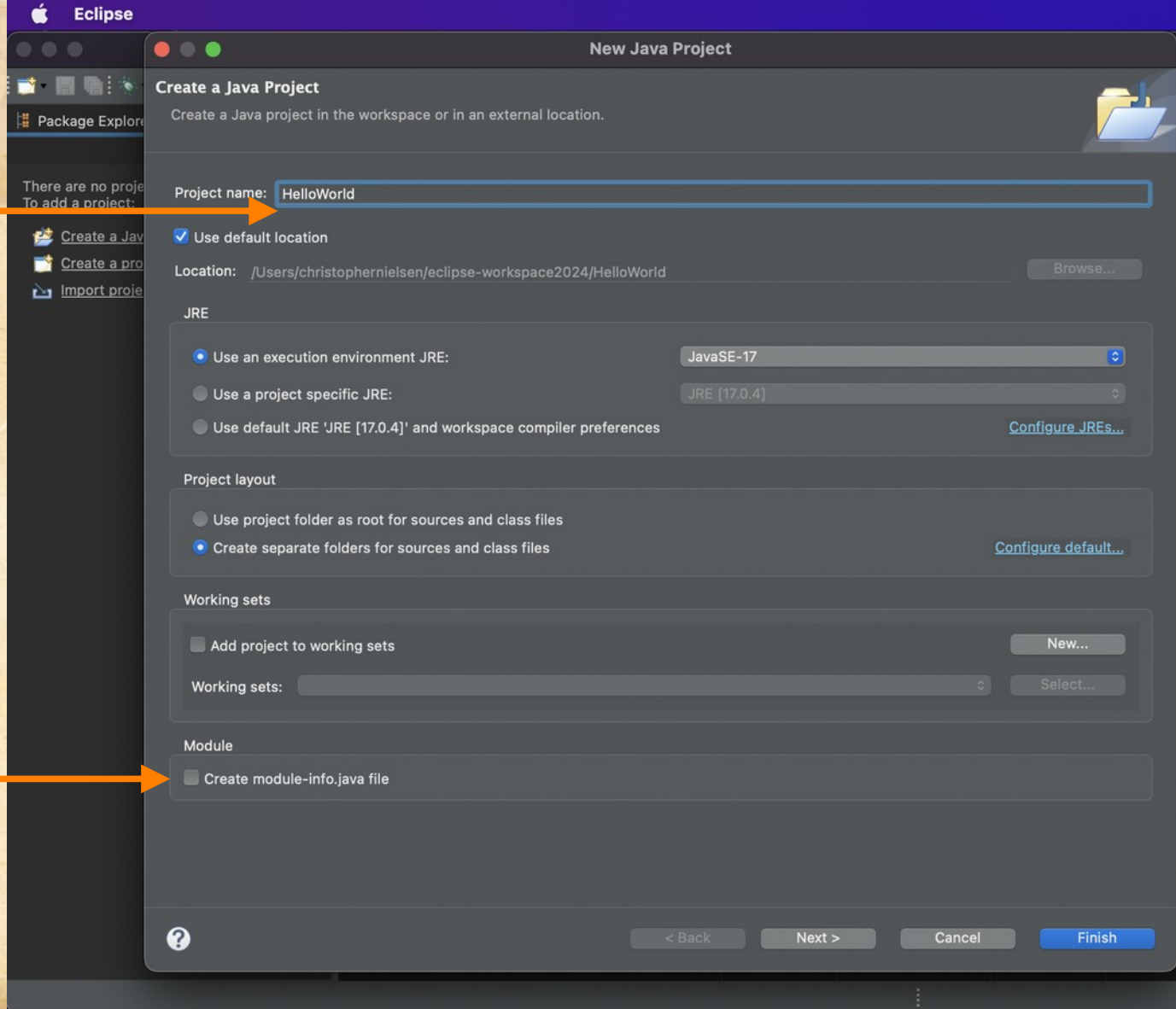


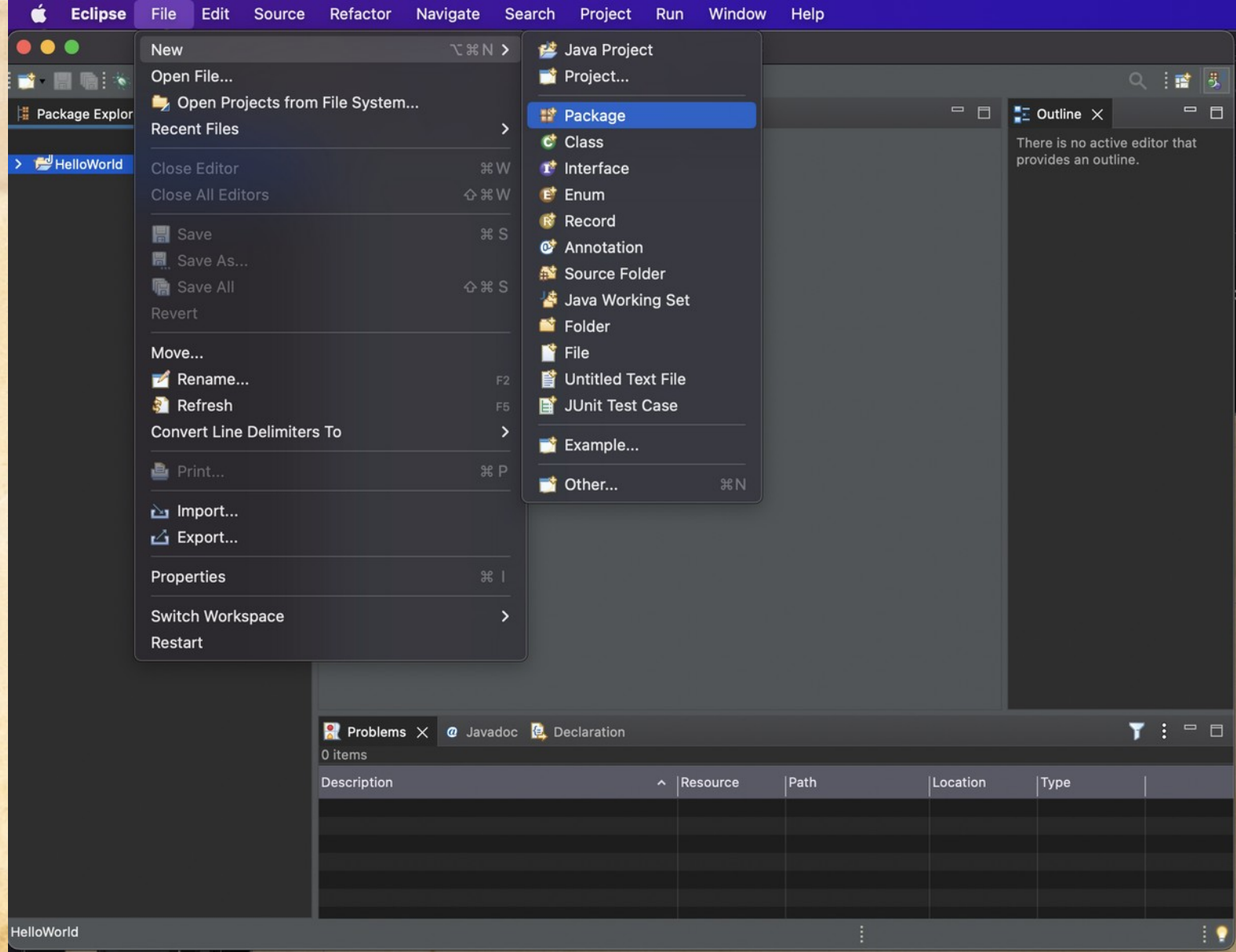


Select an appropriate name; no spaces

Later, I suggest you create a new project for each unit, and separate assignments within each unit into new packages.

Uncheck this box

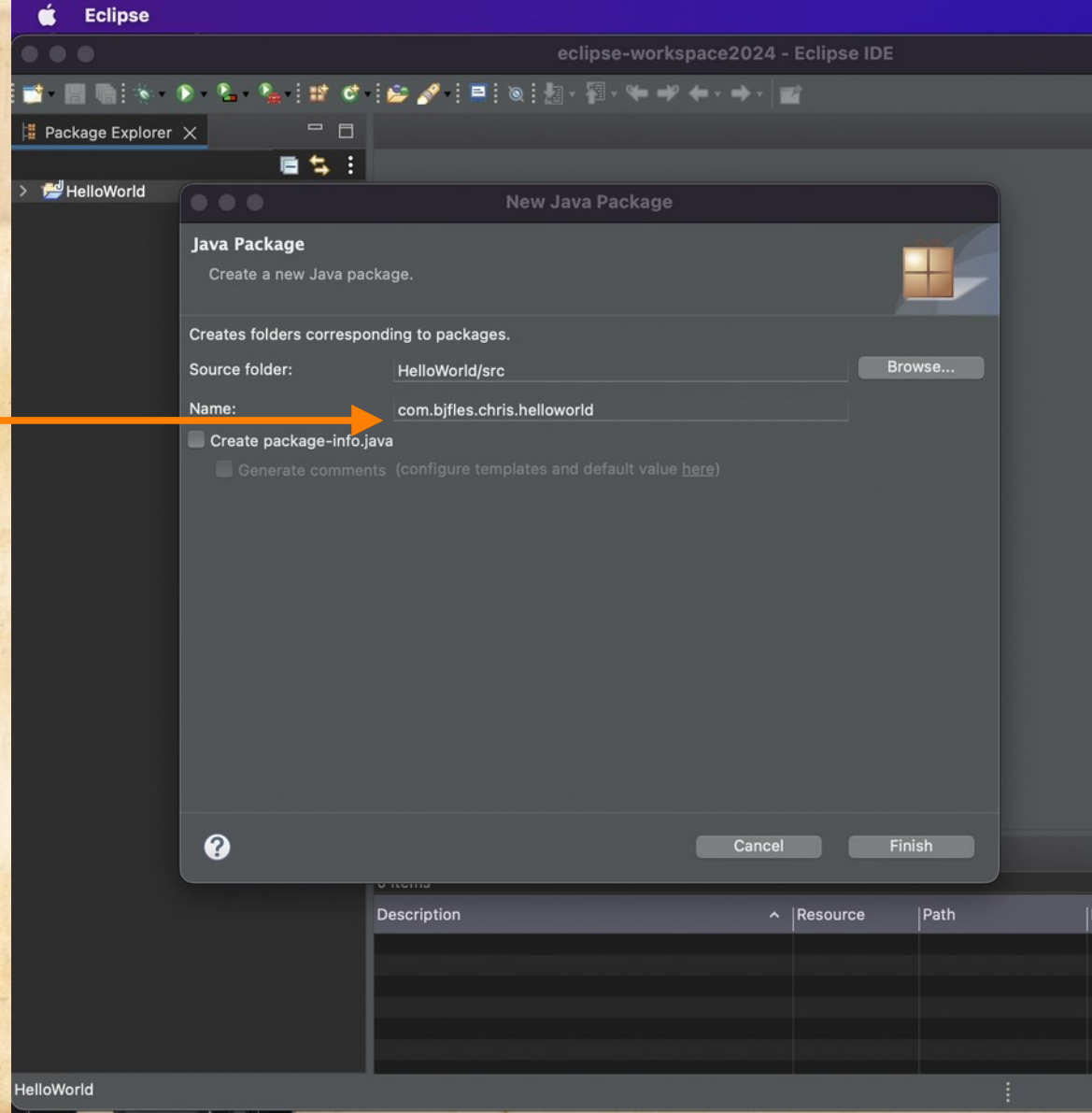


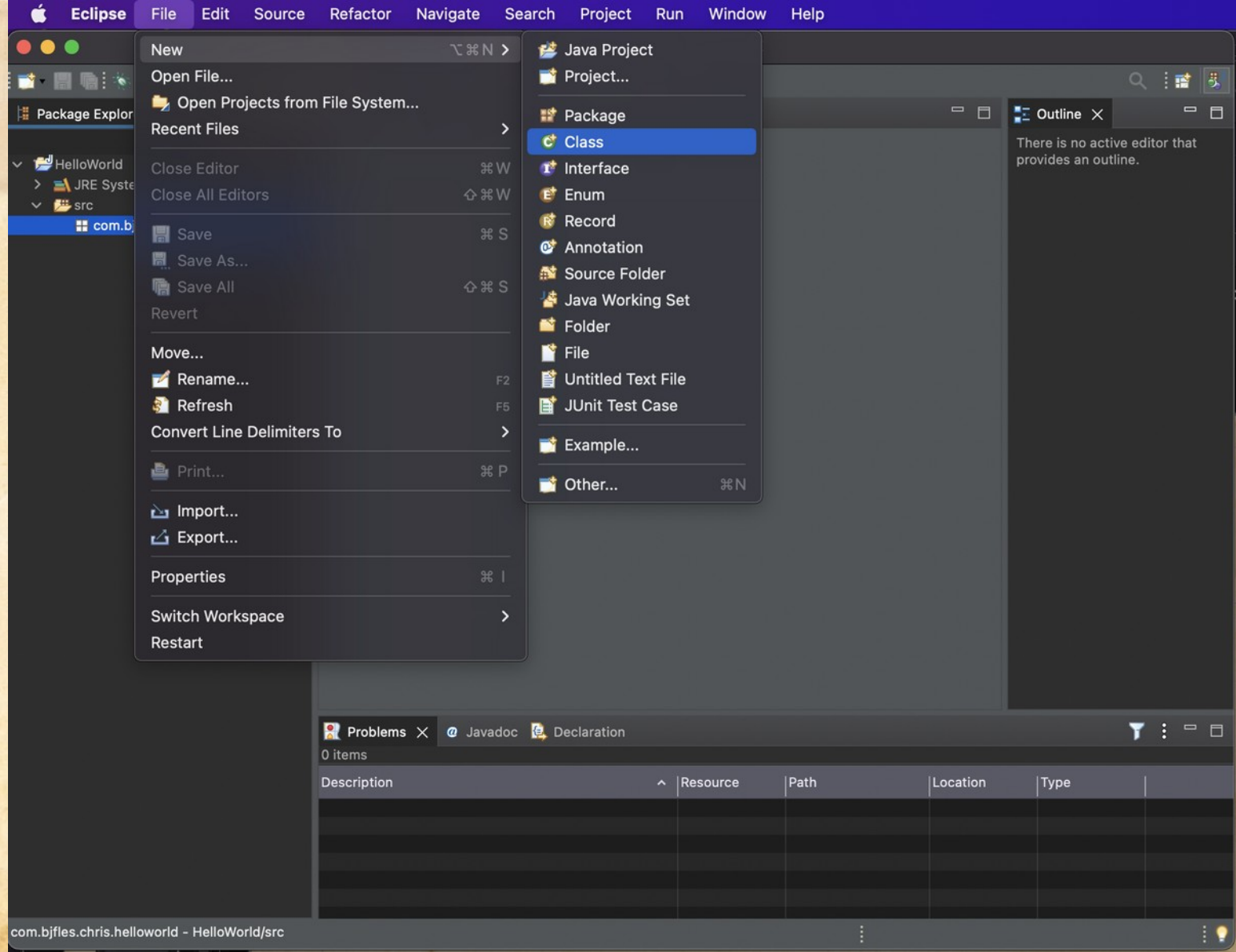


The standard naming convention for Java packages is the internet domain name in reverse.

For example, our school domain name is “bjfiles.com”, so Java packages from our school should start with:
com.bjfiles

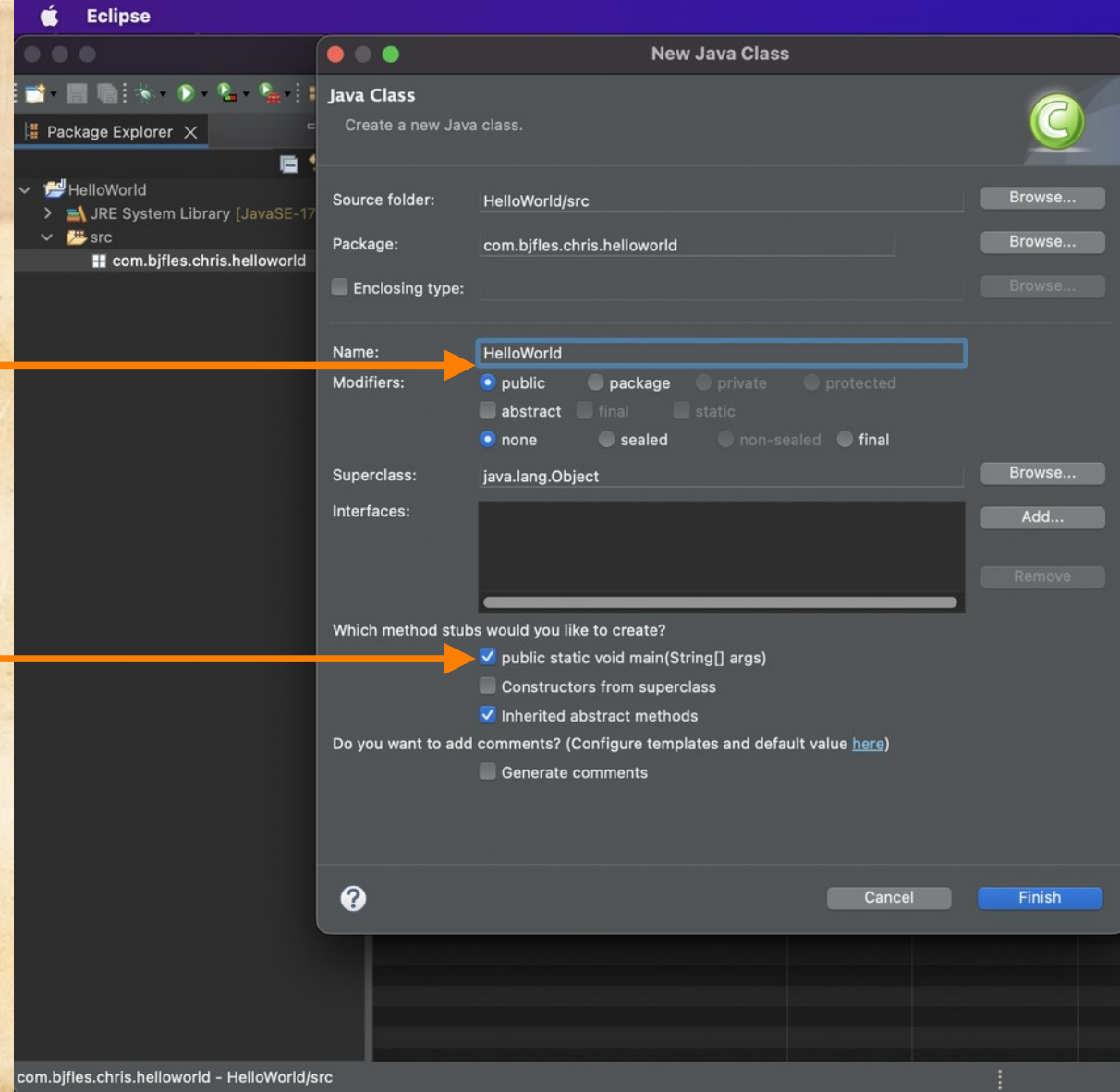
After this, add some descriptive naming.



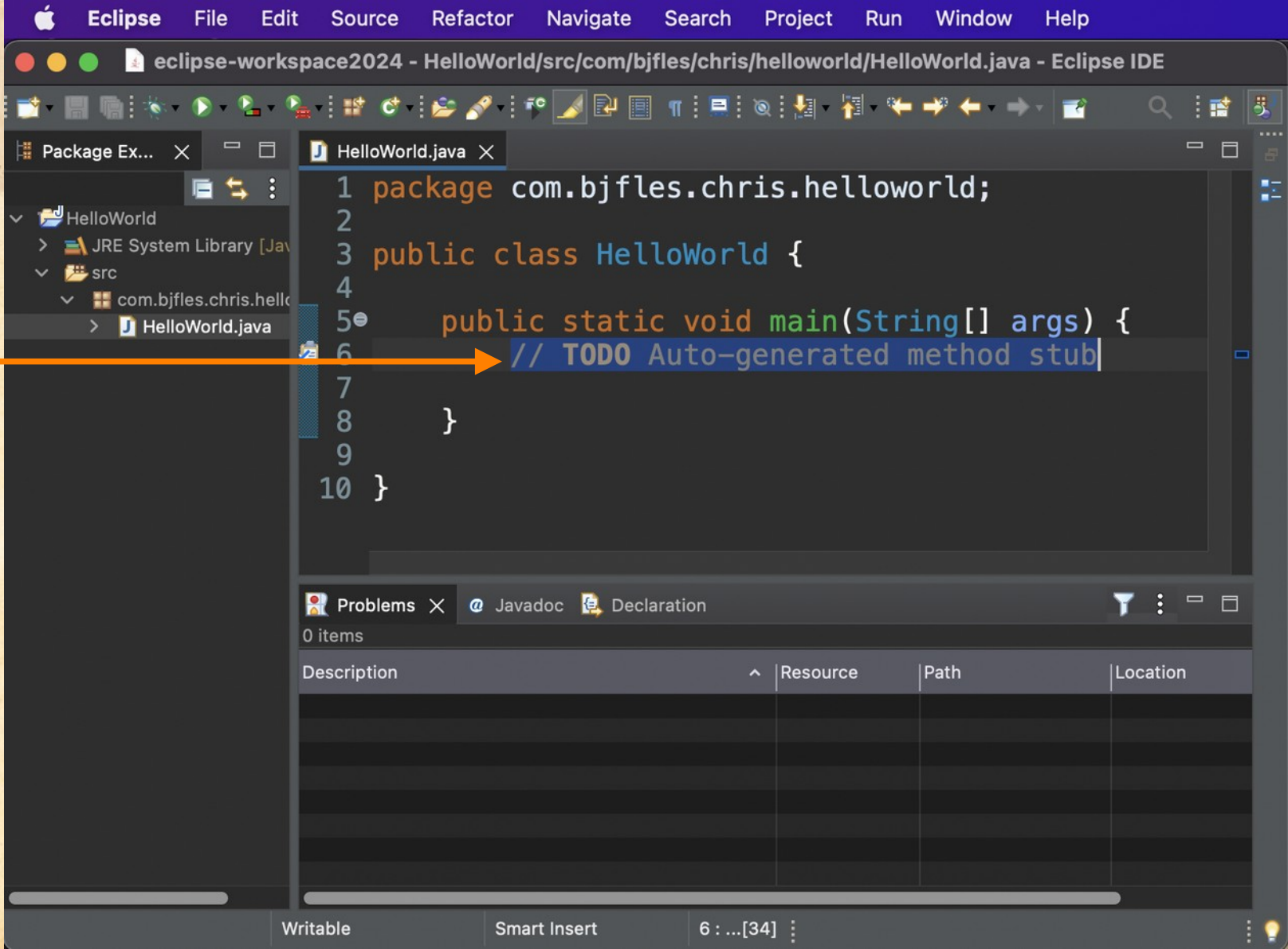


The naming convention for a Java class is **Pascal Case**, also known as **upper camel case**.

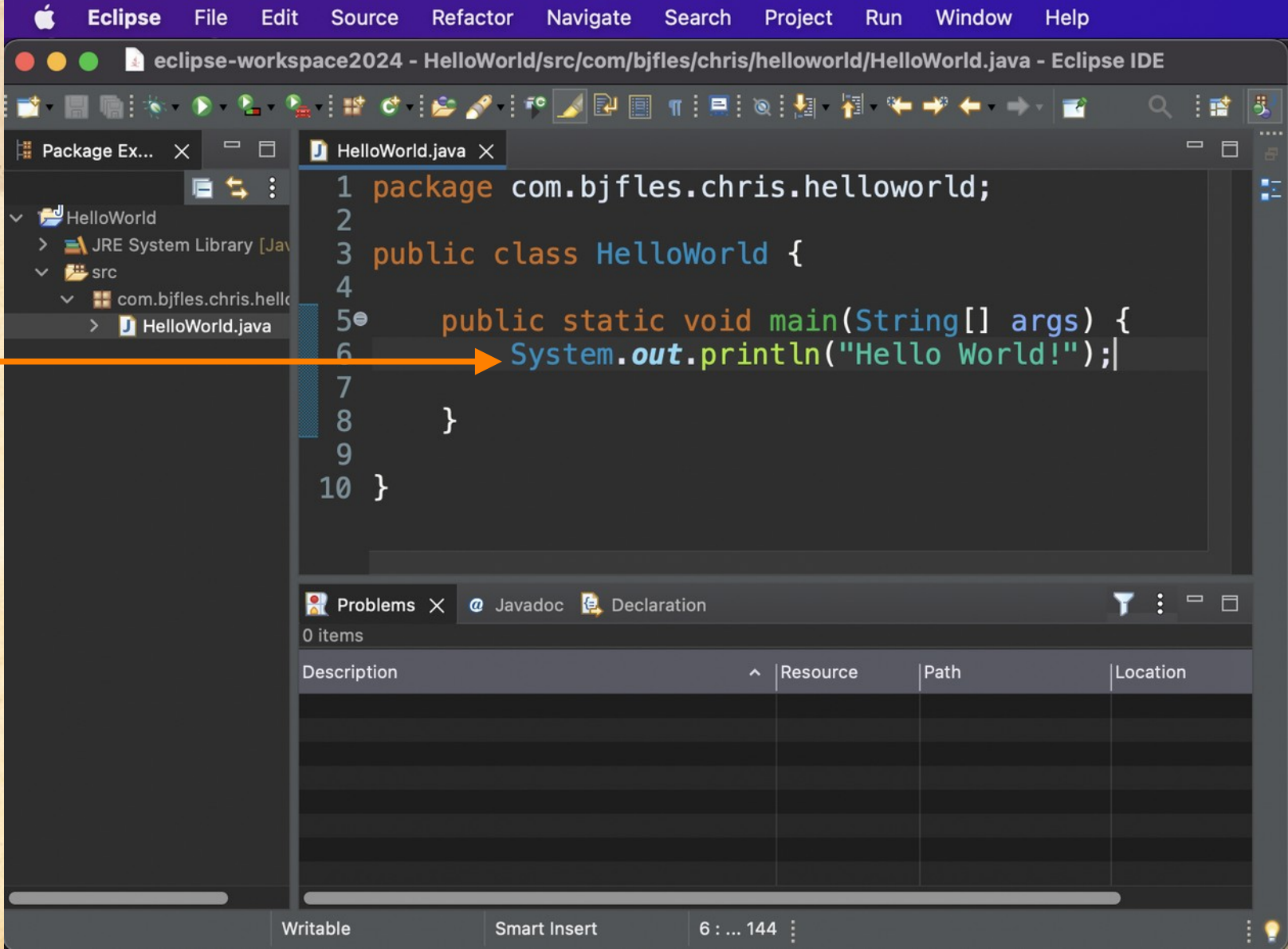
Selecting this will add template code for the **main** method, which is where the Java program will start running.



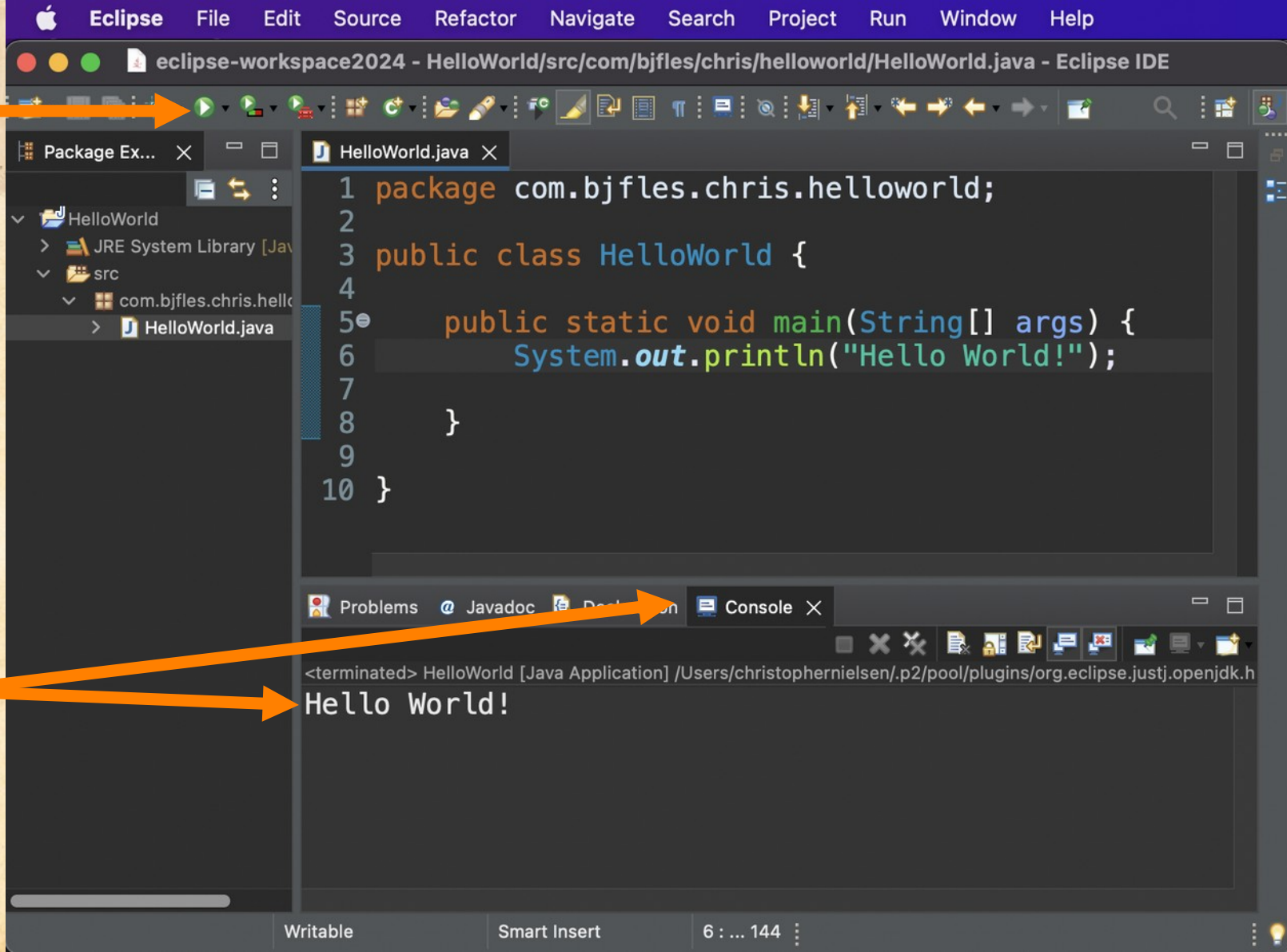
Replace
line 6...



Replace
line 6...
with this.



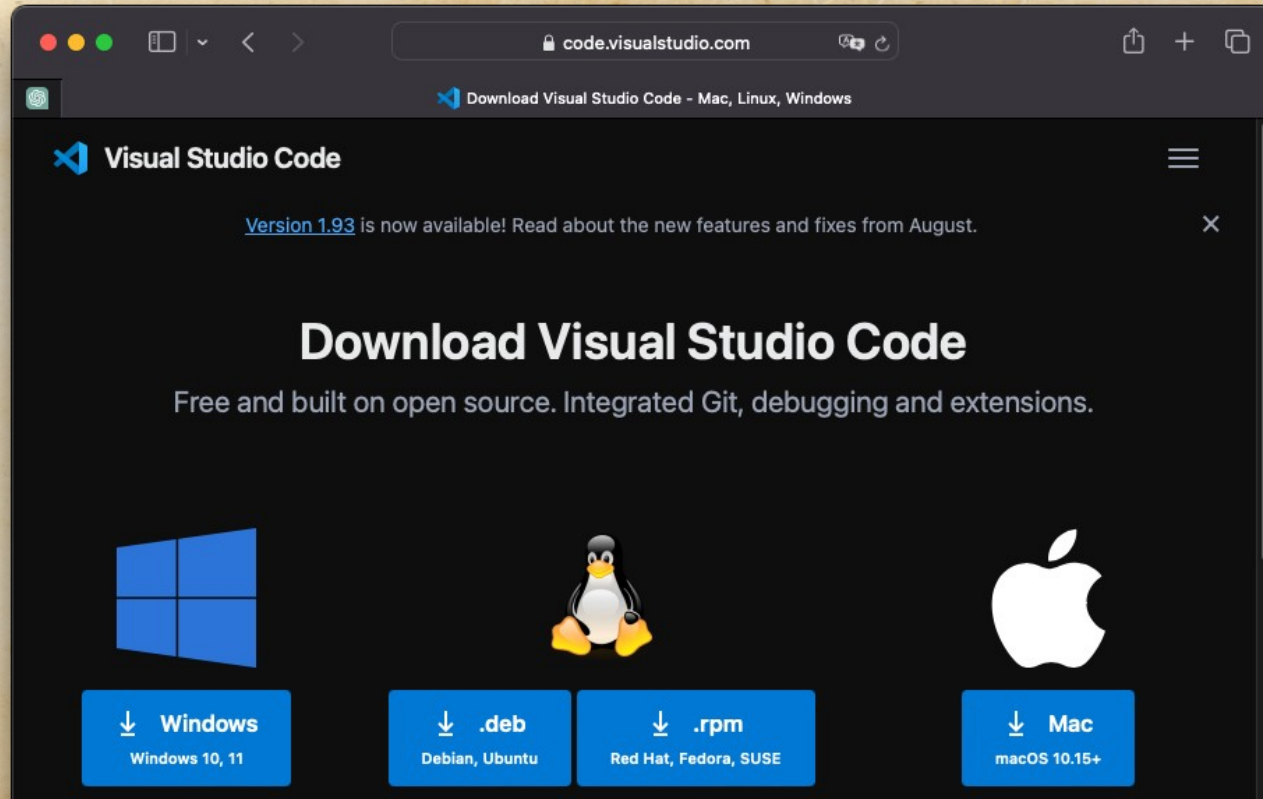
Click here
to run.



Check the
output in the
console.

What about VS Code?

- If you downloaded VS Code: ***code.visualstudio.com***



What about VS Code?

You will need to either install the JDK or an extension such as this one:



The screenshot shows the Visual Studio Code interface with the 'HelloWorld' file open. The left sidebar displays the 'EXTENSIONS: MARKET...' view, filtered by '@category:debugger'. The main panel shows the 'Java' extension by Oracle Corporation, version v22.1.2, with 1,068,258 downloads. The extension is described as the 'Java Platform Extension for Visual Studio Code'. The 'Install' button is highlighted, and the 'Auto Update' checkbox is checked. The 'Details' tab is selected, showing the extension's description: 'Java Platform extension from Oracle brings full featured development support (edit-compile-debug & test cycle) to VS Code. It offers support for Maven and Gradle projects.' The right sidebar shows the 'Categories' section with 'Programming Languages' selected.

EXTENSIONS: MARKET... @category:debugger

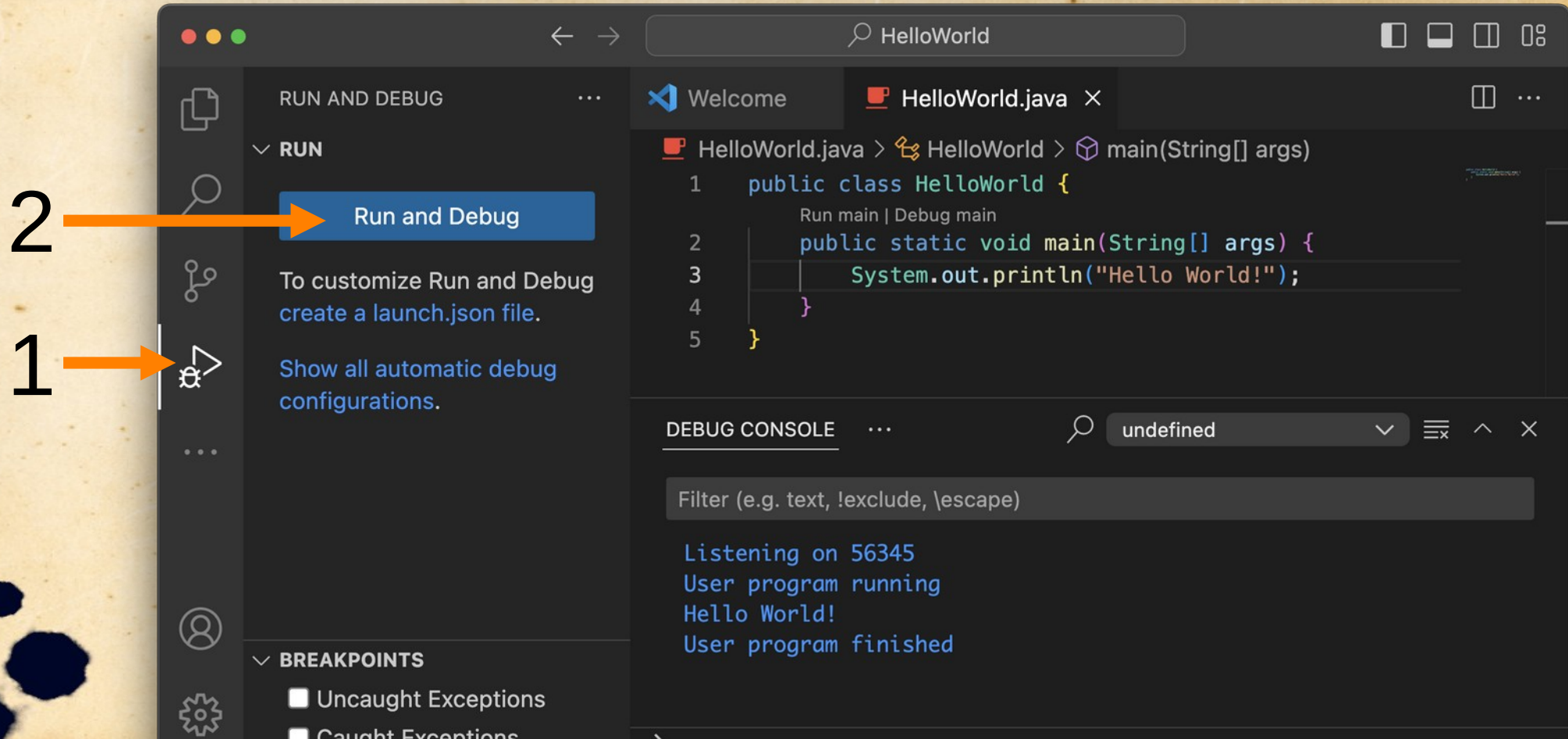
Java v22.1.2
Oracle Corporation [oracle.com](https://www.oracle.com) | 1,068,258
Java Platform Extension for Visual Studio Code
[Install](#) ☒ Auto Update

Java Platform Extension for Visual Studio Code

Java Platform extension from Oracle brings full featured development support (edit-compile-debug & test cycle) to VS Code. It offers support for Maven and Gradle projects.

Categories
Programming Languages
Snippets Linters
Debuggers
Formatters Testing

What about VS Code?





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Eclipse – Hello World*