

VISUAL STUDIO CODE (JAVA) INSTALLATION GUIDE FOR WINDOWS/MAC

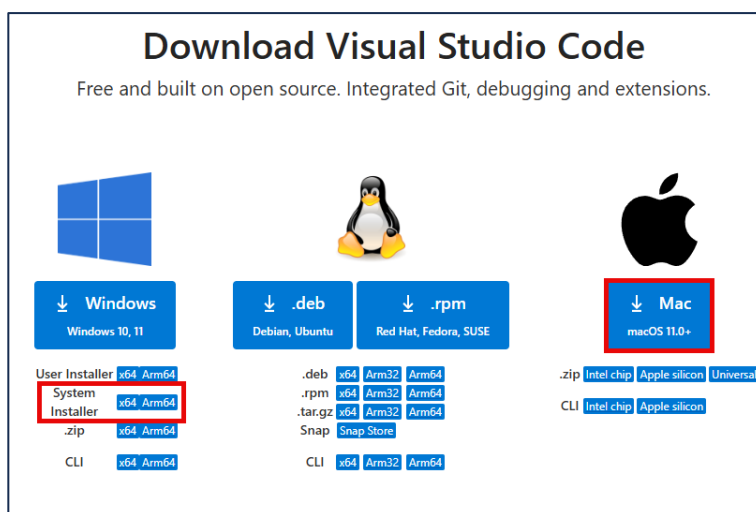
Software used in Computer Science A



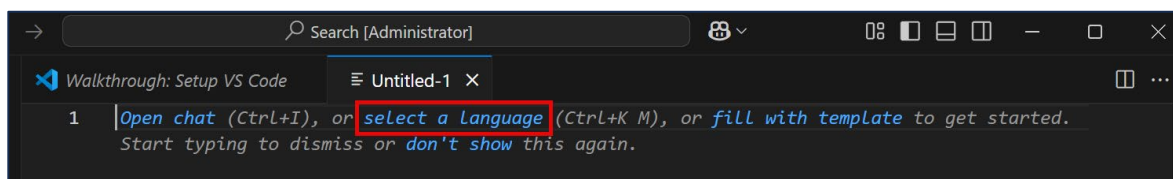
Updated 8/14/2025

Procedure: Installation of Microsoft Visual Studio Code (VS Code) and Java

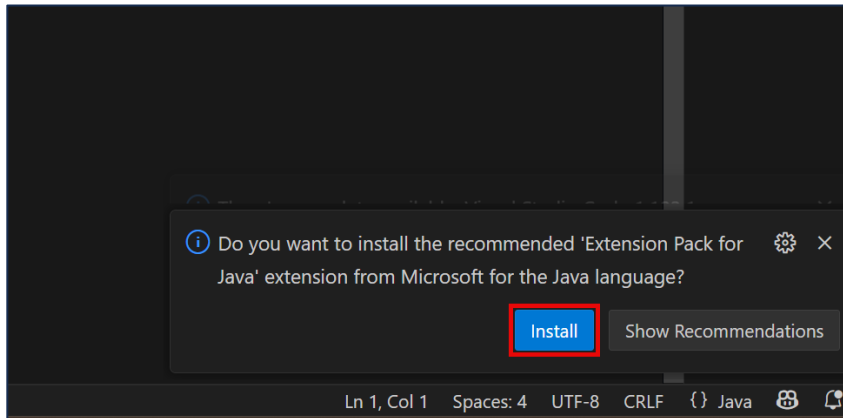
1. Navigate to [Download Visual Studio Code - Mac, Linux, Windows](#) and select either Windows or Mac to download. If you already have VS Code installed and only need to installed language extension, skip to step 6.



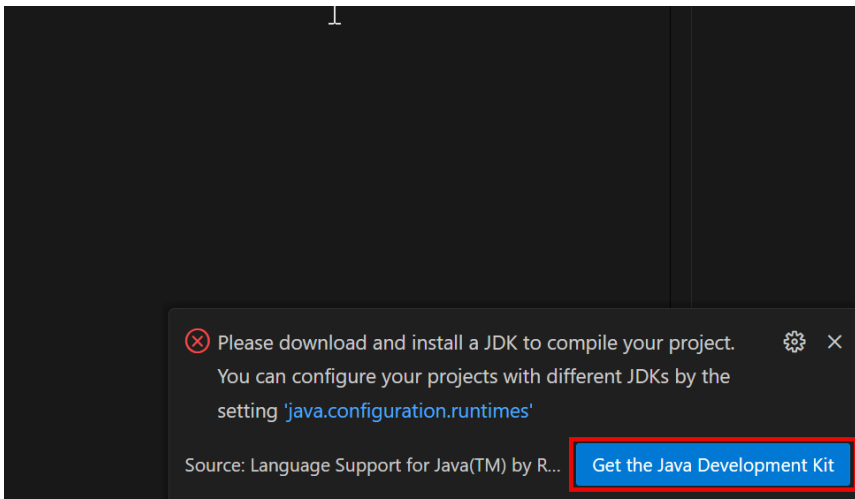
2. When the download completes, run it as Administrator, and use the default prompts to install.
3. In VS Code, select **File > New Text File**.
4. Select **select a language**. The type in Java. Select Java.



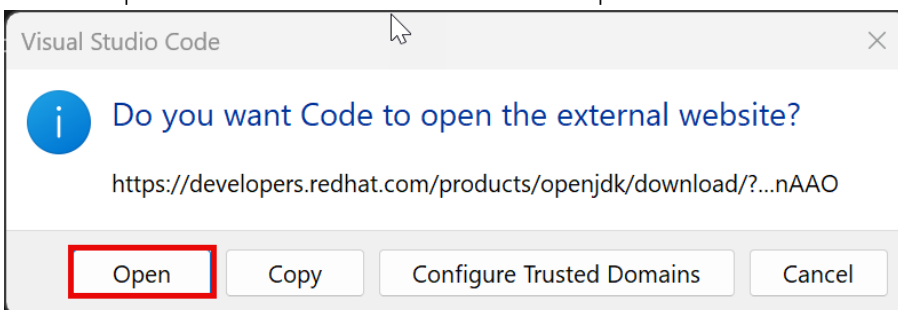
5. Select **Install** for the Extension pack for Java. Select Install again when prompted



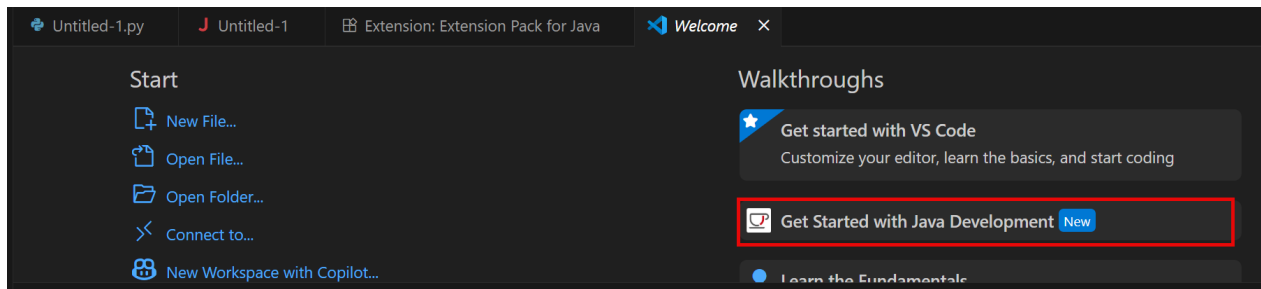
6. Select **Get the Java Development Kit**.



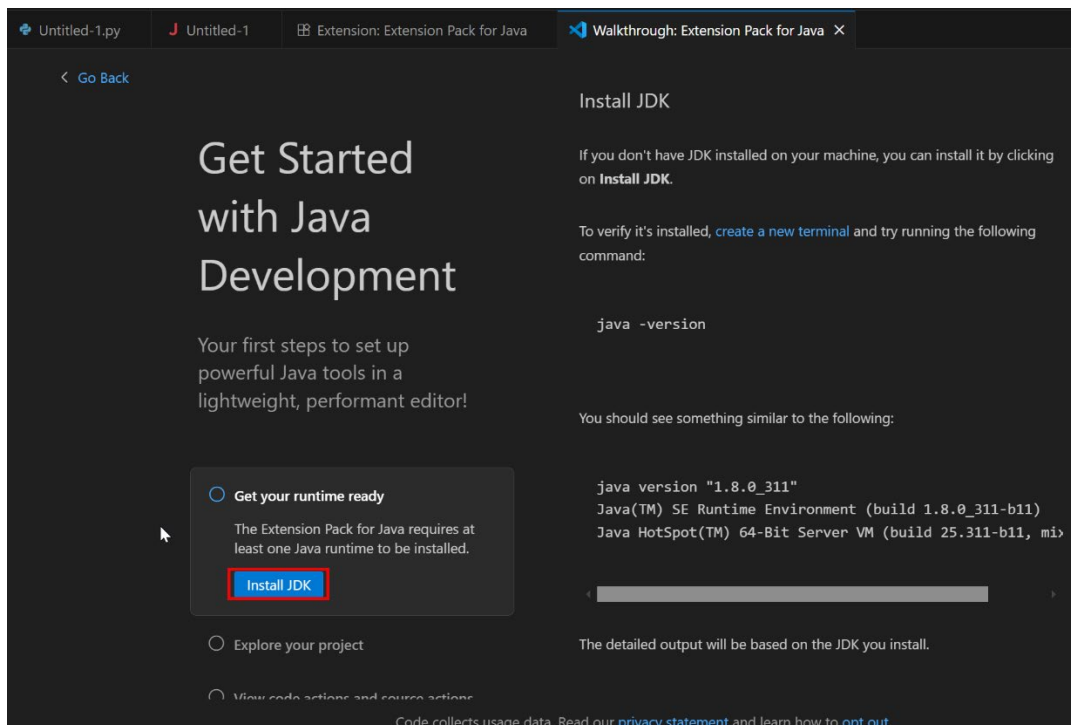
7. Select Open to allow the Welcome tab to open.



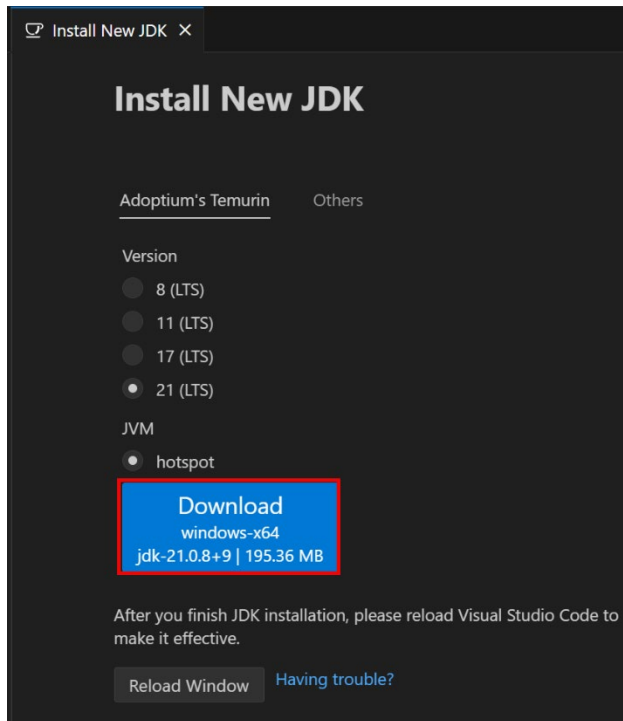
8. Select **Get Started with Java Development** in the Welcome tab.



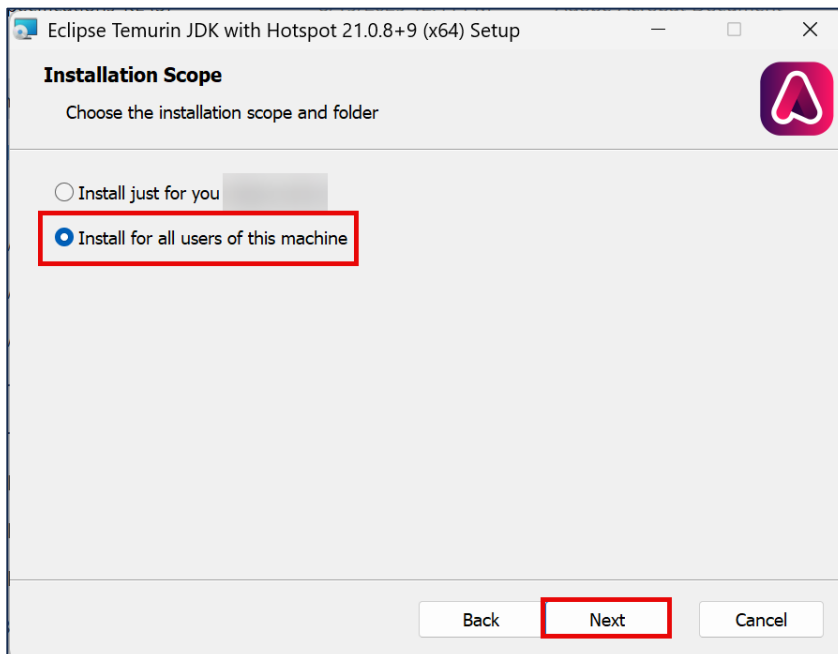
9. Select install JDK



10. Select Download. This file is coming from <https://adoptium.net/temurin/releases>. Feel free to reference this site for more information on the download and installation.



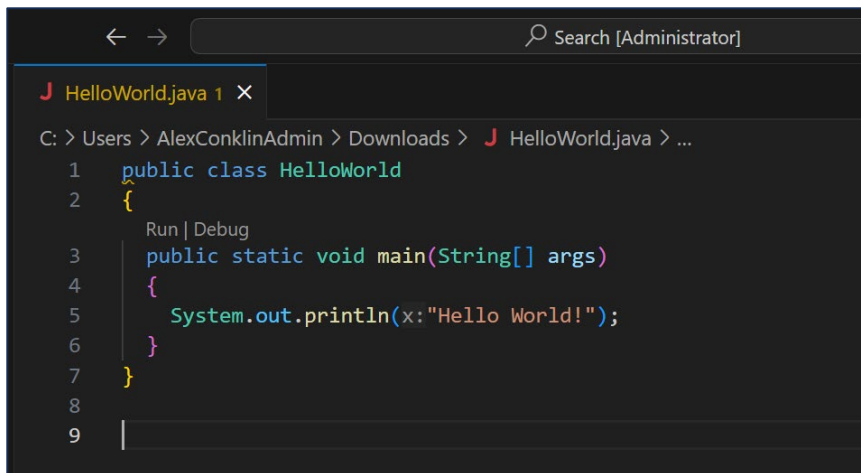
11. Run the installer from where you saved it.
12. During the installation process, select **Install for all users of this machine**.



13. After Java is installed, copy and paste the following program to the new file.

```
public class HelloWorld
{
    public static void main(String[] args)
    {
        System.out.println("Hello World!");
    }
}
```

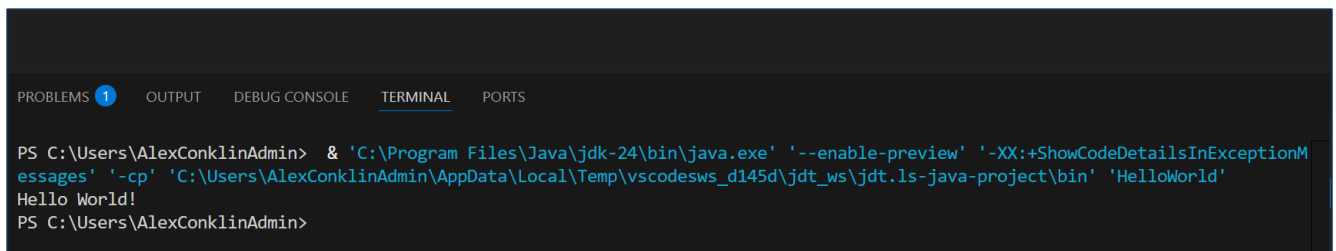
14. Save the program as *HelloWorld.java*.

A screenshot of a code editor window. The title bar shows 'HelloWorld.java 1 x'. The editor content shows the following code:

```
1 public class HelloWorld
2 {
3     Run | Debug
4     public static void main(String[] args)
5     {
6         System.out.println("Hello World!");
7     }
8 }
9 |
```

The path in the breadcrumb is 'C: > Users > AlexConklinAdmin > Downloads > HelloWorld.java > ...'. There is a search bar at the top right with the text 'Search [Administrator]'.

15. Confirm the TERMINAL displayed "Hello world!"

A screenshot of the terminal window in an IDE. The tabs at the top are 'PROBLEMS 1', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL', and 'PORTS'. The 'TERMINAL' tab is active. The command prompt shows the following command and output:

```
PS C:\Users\AlexConklinAdmin> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\AlexConklinAdmin\AppData\Local\Temp\vscodesws_d145d\jdt_ws\jdt.ls-java-project\bin' 'HelloWorld'
Hello World!
PS C:\Users\AlexConklinAdmin>
```

