

Assignment 1: Java installation & Environment setup

1. Basic java installation following <https://docs.oracle.com/en/java/javase/13/install/installation-jdk-microsoft-windows-platforms.html>

- a. This involves downloading and installing JDK
- b. Setting the PATH and CLASSPATH environment variables
- c. Once you complete this, you can check from command prompt

```
C:\Users\subbu>javac -version
javac 16.0.1

C:\Users\subbu>java -version
openjdk version "16.0.1" 2021-04-20
OpenJDK Runtime Environment (build 16.0.1+9-24)
OpenJDK 64-Bit Server VM (build 16.0.1+9-24, mixed mode, sharing)
```

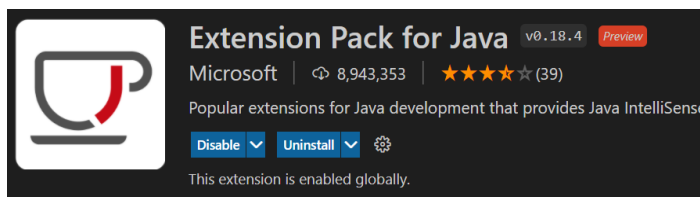
2. After configuring the local environment
 - a. Write and run a HelloWorld program as shown in the lab
 - b. Write another program called SimpleArithmetic, which has static functions for arithmetic operations: add, subtract, multiply and divide
 - c. The arithmetic functions should be called from 'main' and it's ok to hardcode the input values.
 - d. Print the result of the arithmetic operations

Turn-in the following

1. Screenshot of command-line execution of "javac -version" and "java -version"
2. Screenshots of running the HelloWorld program and arithmetic operations
3. The code for HelloWorld.java and SimpleArithmetic.java
4. **DO NOT ZIP** them, submit them as individual files (**JPG/PNGs and Two Java files**)

Optional

1. Install VSCode <https://code.visualstudio.com/download>
2. Install the extension pack for Java



3. Write and run the HelloWorld program from within vscode

NOTE: Most of what we teach you is java-version ≥ 8 . You can install any version ≥ 8 . You may also try using [OpenJDK](#). Please also note that **you can try installing VSCode first and when you write your first Java program, it may assist you with downloading and installing java from within vscode**. But, all of this is at your own risk.