

## How to install the Java Developers Kit.

1. Google search "Oracle Java JDK"
2. Go to the JDK download on the Oracle site.
3. Agree to Oracles terms and download the **Java SE Development Kit** that matches your operating system. (This includes both the Java compiler and Java virtual machine.)
4. Install on your computer with the default settings.

Now, Java is installed on your computer, but if you type javac in a command line (or terminal window on iOS) your computer will claim Java doesn't exist. This is because the JDK executable files are not part of your computer system's main path.

**\*\*iOS users must consult the internet for how to fix this.**

Windows users

5. Go to settings and search for environmental variables.
6. Select "Edit the system environmental variables."
7. Near the bottom of the pop-up window click the Environmental Variables button.
8. In the System variables window, scroll down to Path.

(This is what we will need to edit, but first we need to find the proper address to add to your path.)

9. Open a File Explorer window.
10. Most likely you will navigate to something similar to ...

Windows (C:) → Program Files → Java → jdk#.#.#\_## → bin

11. Copy the address at the top of File Explorer. It should look something like:

C:\Program Files\Java\jdk1.8.0\_05\bin

12. Go back to your System Variables, select edit path, and paste this address to the end of the list.
13. Click Okay until your back to the starting pop-up to save the new path.
14. Open a new command prompt window and type javac. The javac help file should print out, which means you're ready to go.

Alternatively, you can try installing Eclipse on your computer. This is a Java Integrated Development Environment (IDE). If you choose to use Eclipse, be careful not to become dependent on its automated features. These features definitely make Java programming easier, but they won't be available during class tests or the AP test.