

# Installing Amazon Corretto Java

Download the installation file here:

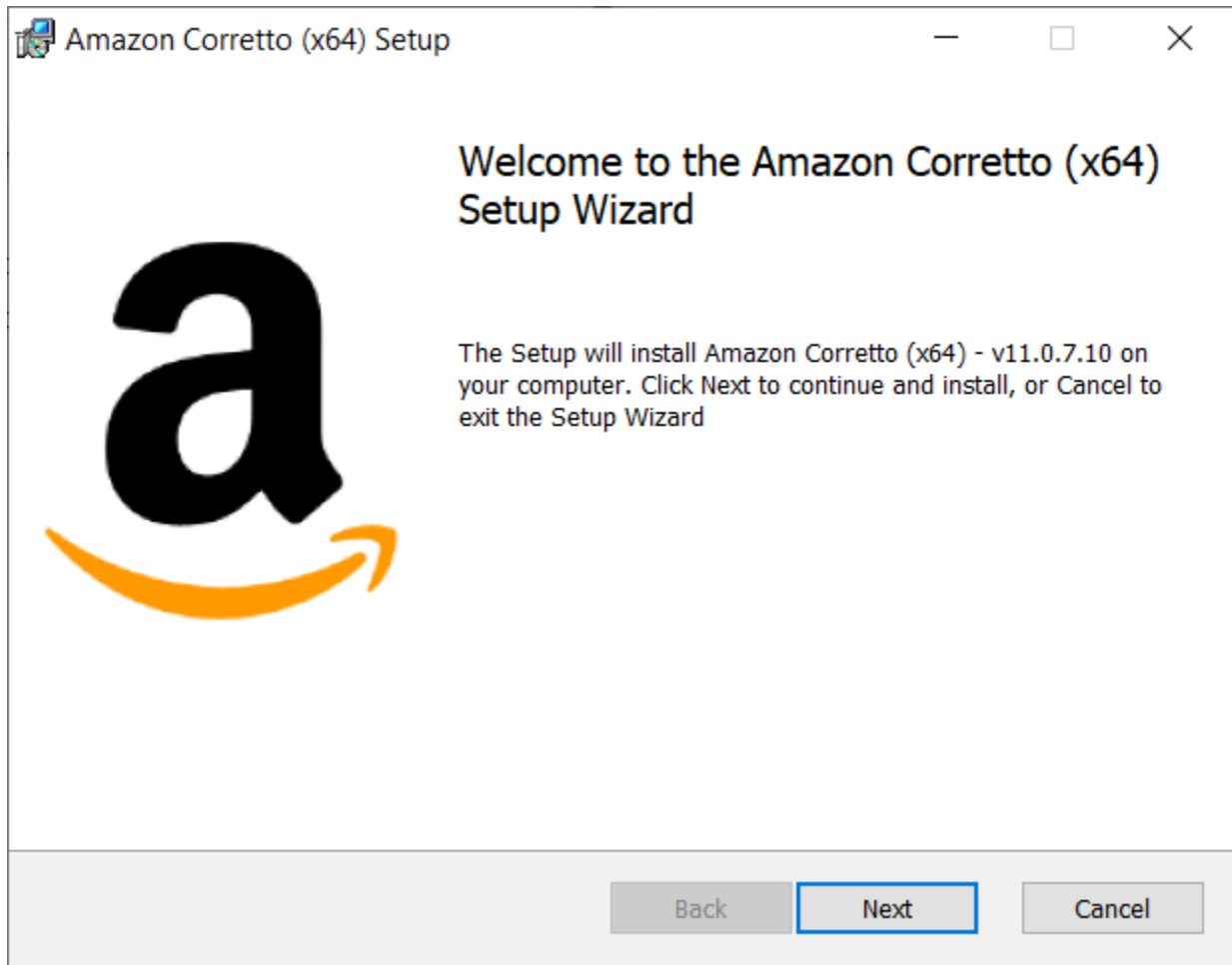
<https://docs.aws.amazon.com/corretto/latest/corretto-11-ug/downloads-list.html>

For windows, use the Windows x64 JDK link ending in .msi:

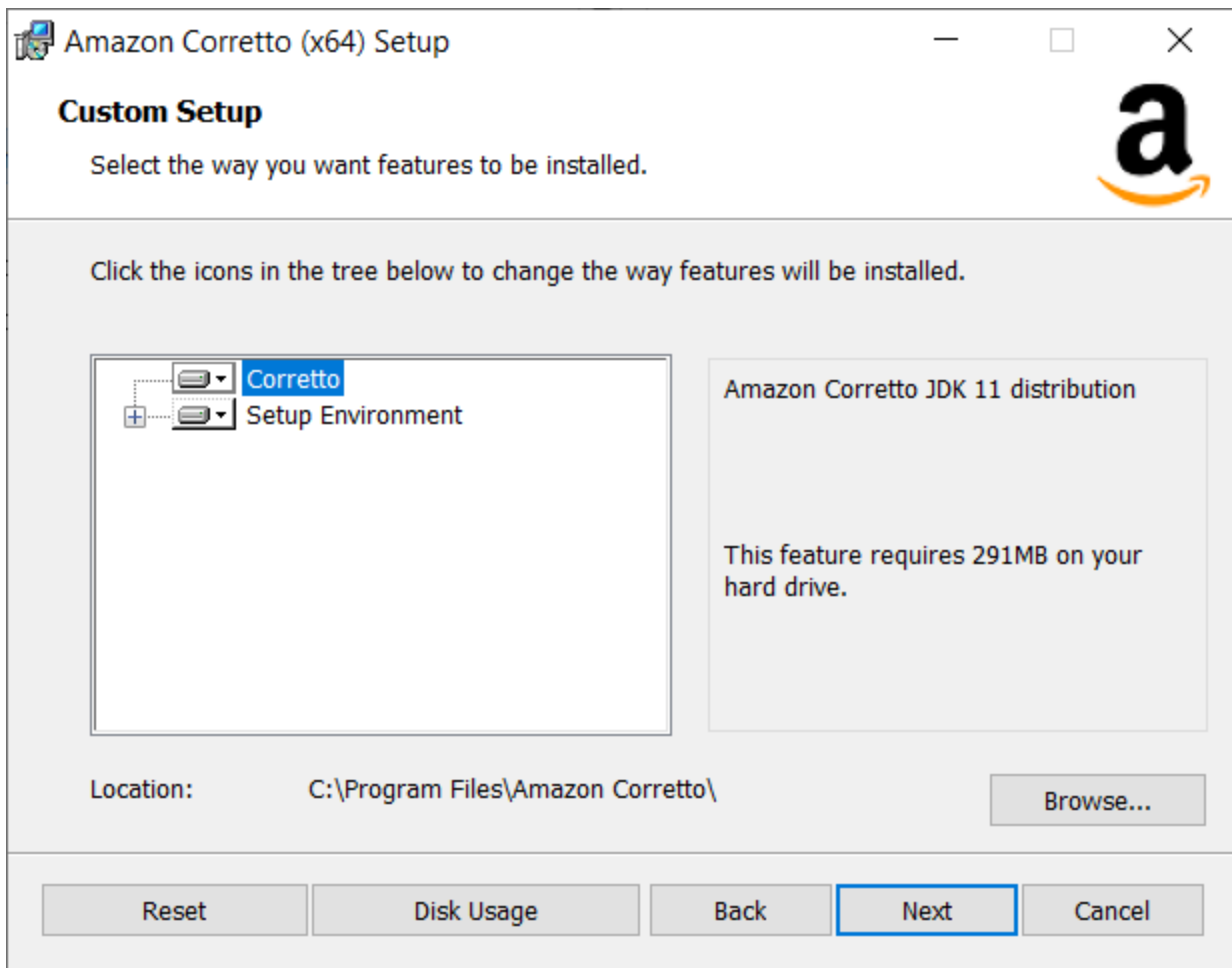
<https://corretto.aws/downloads/latest/amazon-corretto-11-x64-windows-jdk.msi>

Double click downloaded file:

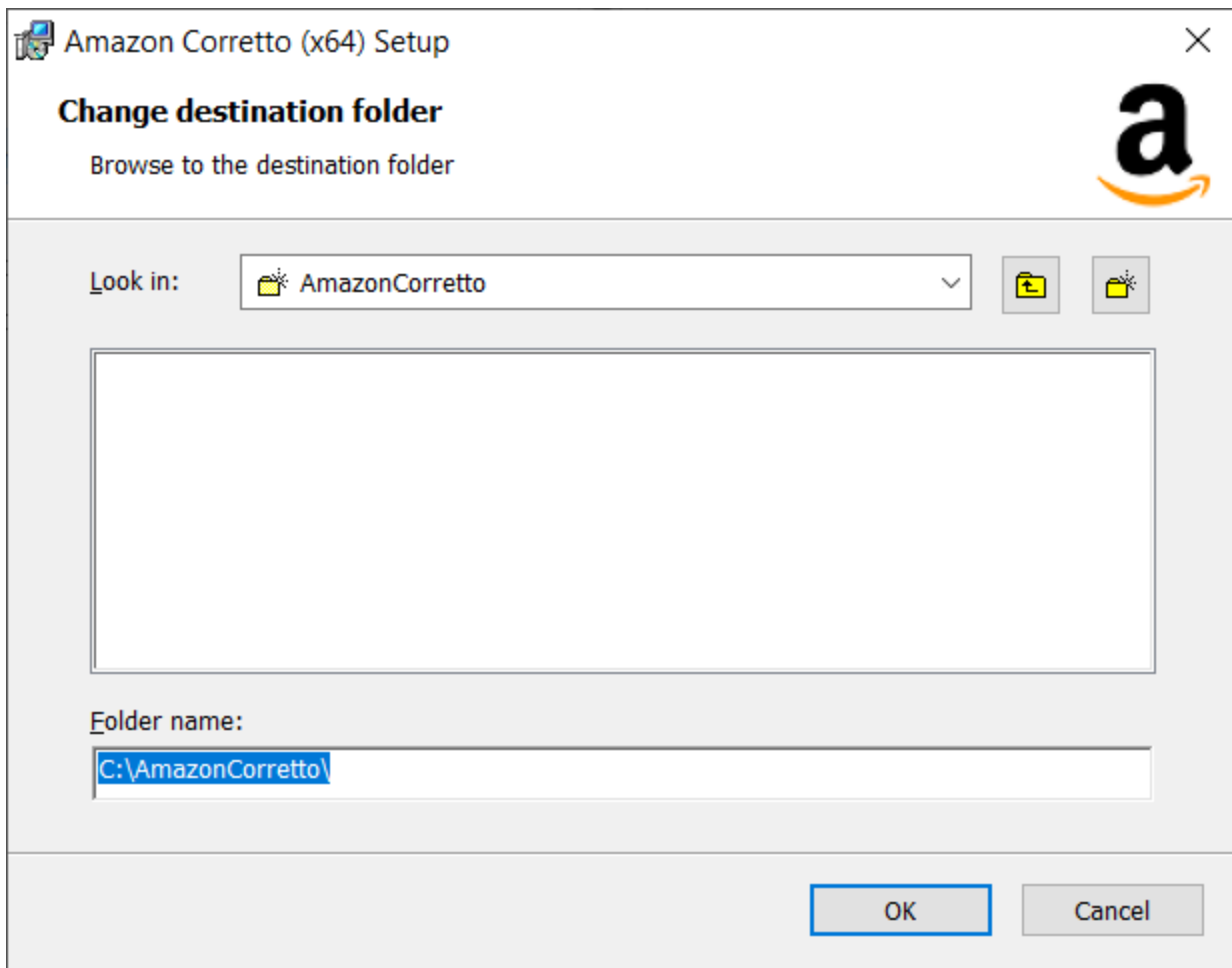
amazon-corretto-11.0.7.10.1-windows-x64.msi (The version number might be newer, this is okay)



Click Next



Click Browse and change the default path (C:\Program Files\Amazon Corretto\)

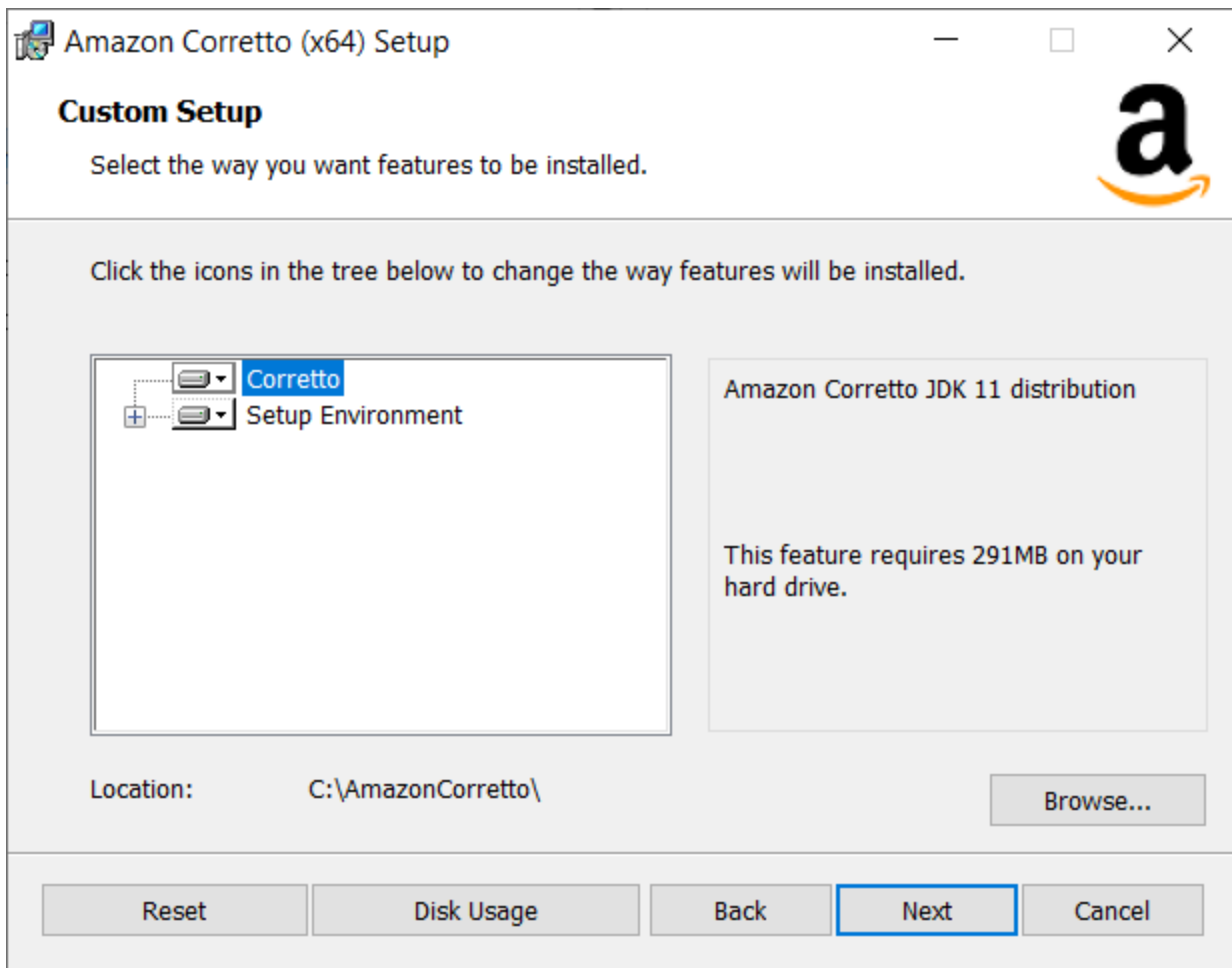


Change To: **C:\AmazonCorretto\**

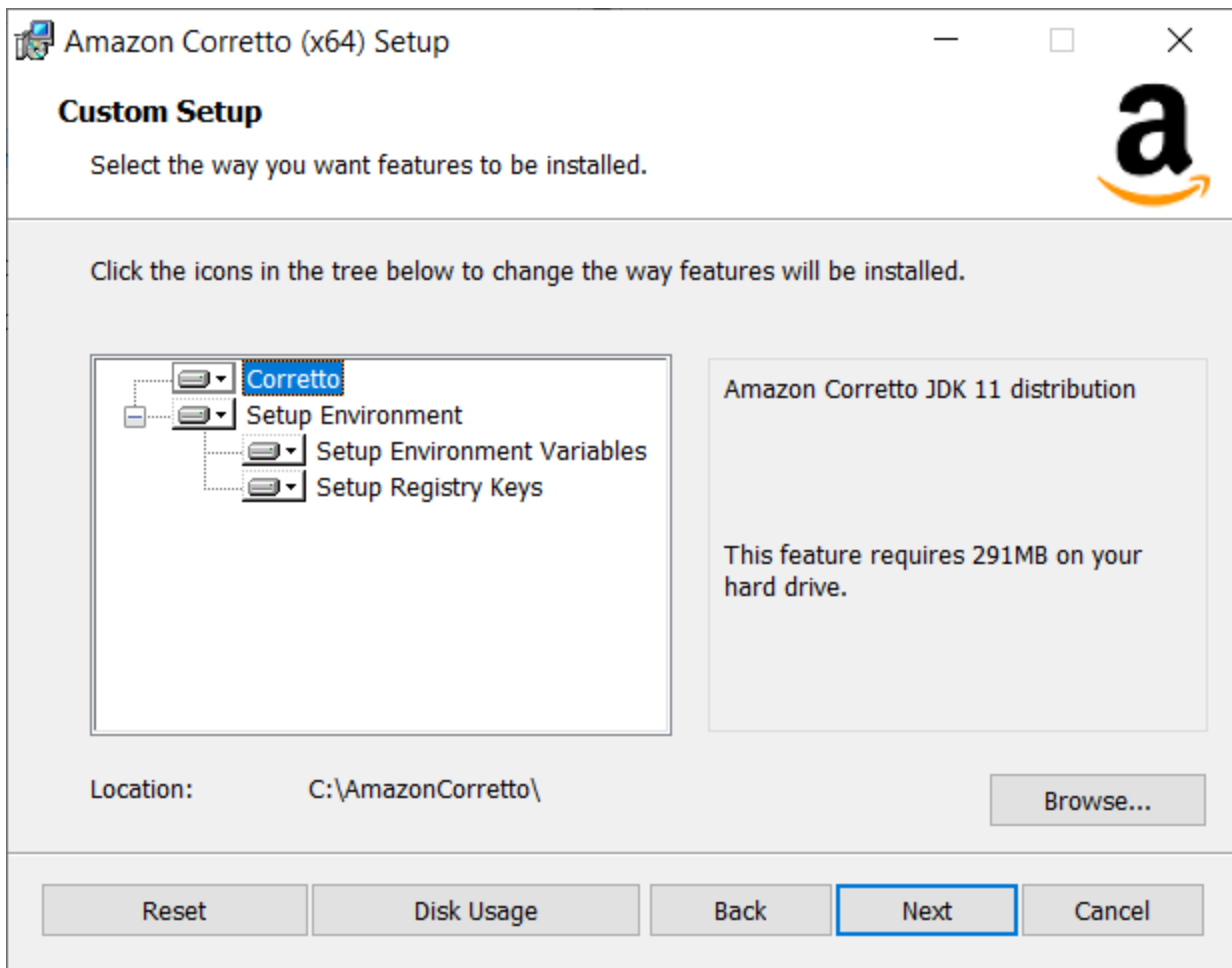
Note: Remove the space character between Amazon and Corretto

Write down the installation path you used, you may need it later when configuring or troubleshooting system environment variables later.

Click OK



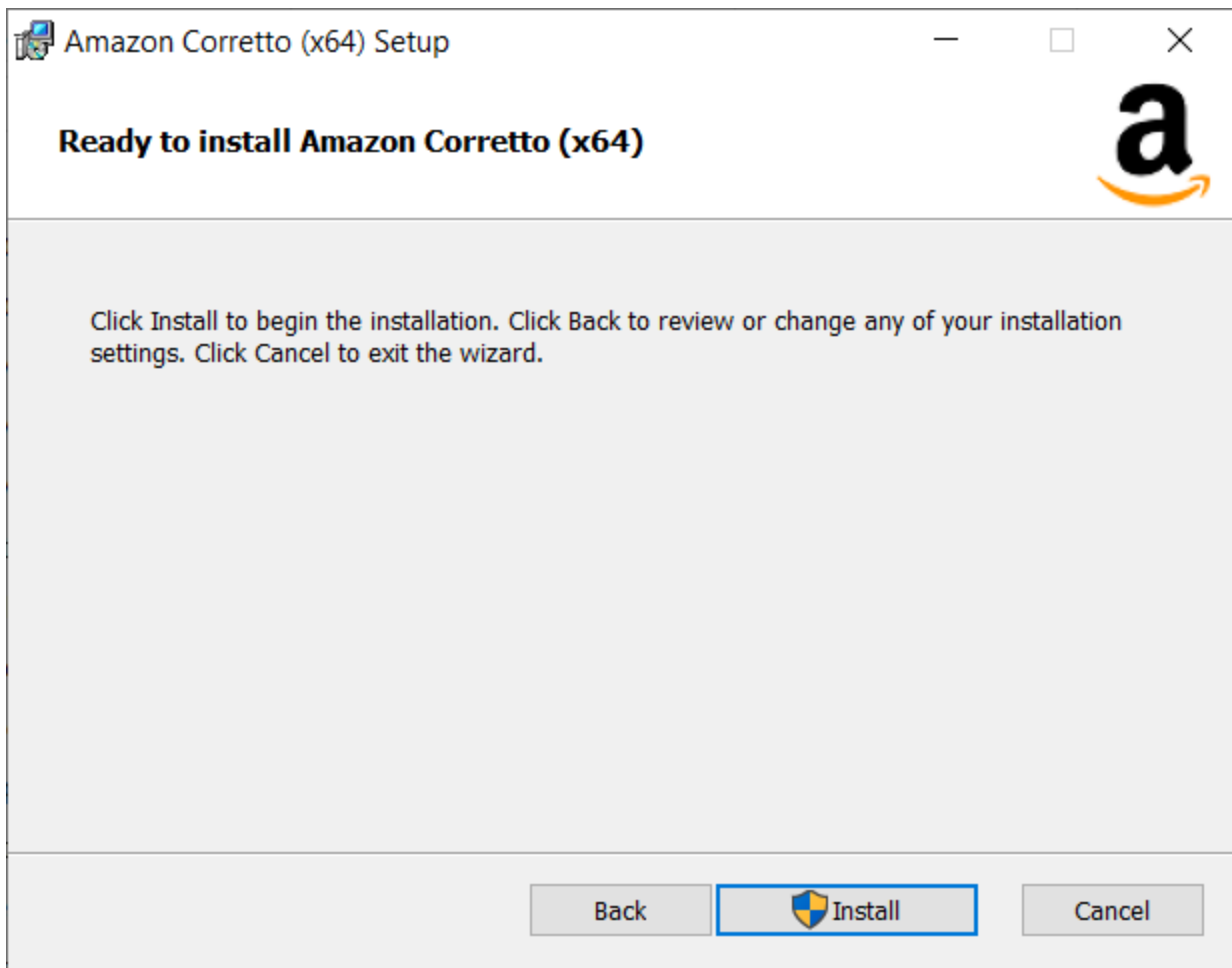
Optionally you can expand the [+] next to the Setup Environment for more information, but this is not required. (If you do take a look, do not change any settings)



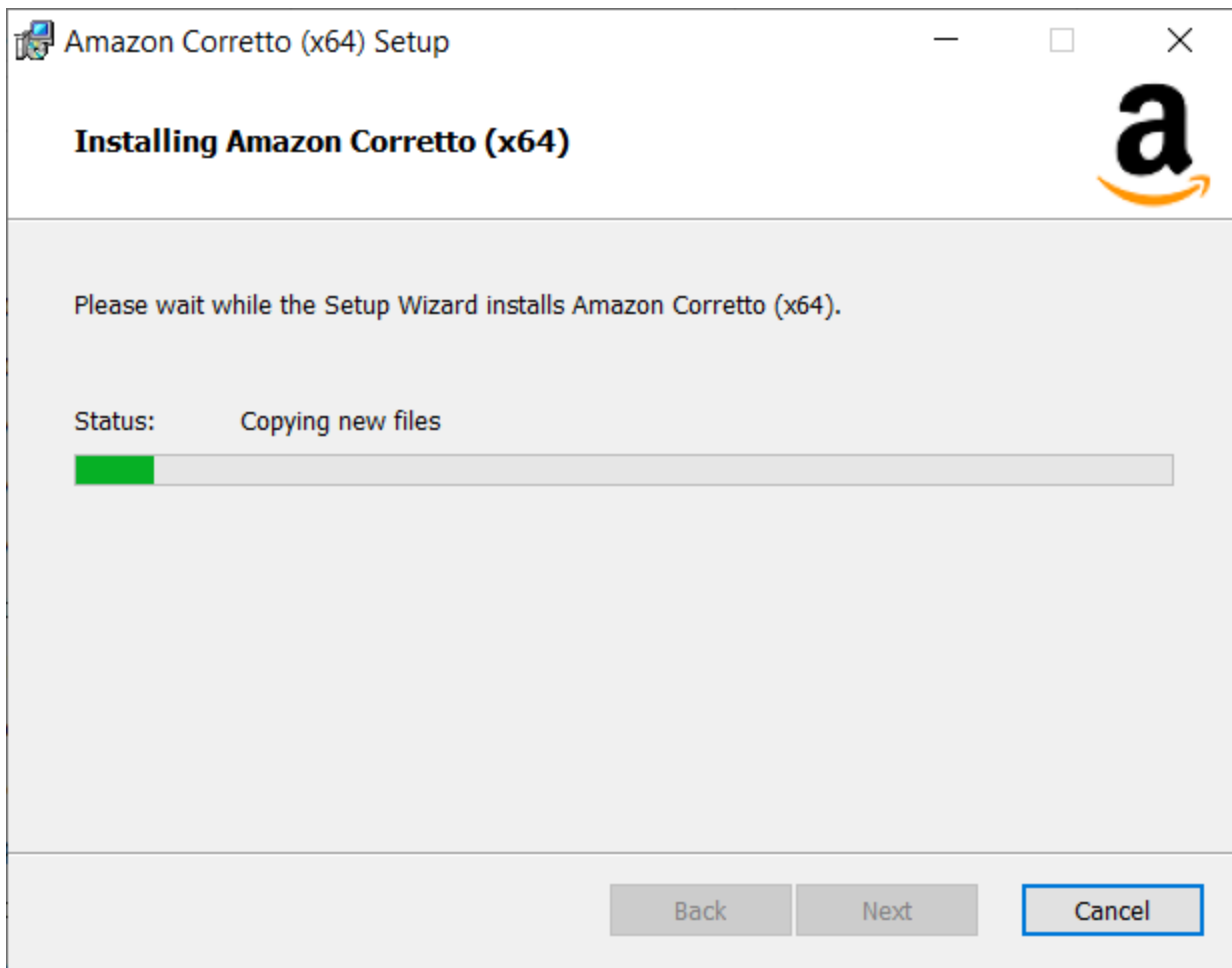
Note:

The installer will configure the operating system environment variables JAVA\_HOME and PATH. Instructions on how to do this manually can be found at the bottom of this handout.

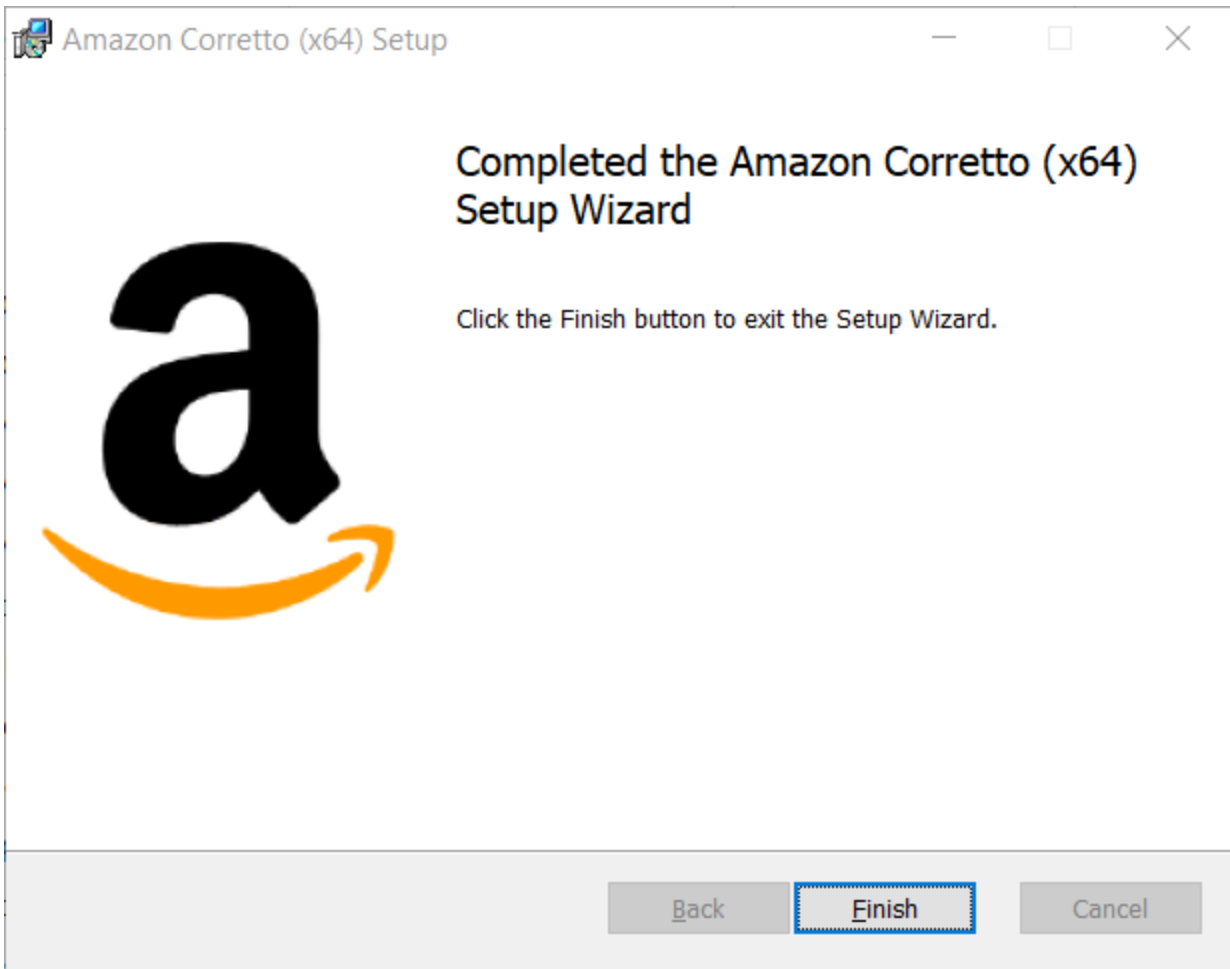
Click Next



Click Install



A new window will open with a progress bar; wait until the installation is complete



Click Finish

Open a Command Prompt window (Windows Button, type cmd, hit enter)

Enter these two commands to verify both the Java Runtime Environment (java), and the Java Compiler (javac) are responding:

```
C:\WINDOWS\system32>cd /
```

```
C:\>java -version
```

```
openjdk version "11.0.7" 2020-04-14 LTS
```

```
OpenJDK Runtime Environment Corretto-11.0.7.10.1 (build 11.0.7+10-LTS)
```

```
OpenJDK 64-Bit Server VM Corretto-11.0.7.10.1 (build 11.0.7+10-LTS, mixed mode)
```

```
C:\>javac -version
```

```
javac 11.0.7
```

```
C:\>
```

(The version number you have may be newer, as of August 19, 2020, it is 11.0.8.10.1, as long as the first number is 11 it will be okay).



```
C:\> Command Prompt
Microsoft Windows [Version 10.0.17763.737]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd /

C:\>java -version
openjdk version "11.0.7" 2020-04-14 LTS
OpenJDK Runtime Environment Corretto-11.0.7.10.1 (build 11.0.7+10-LTS)
OpenJDK 64-Bit Server VM Corretto-11.0.7.10.1 (build 11.0.7+10-LTS, mixed mode)

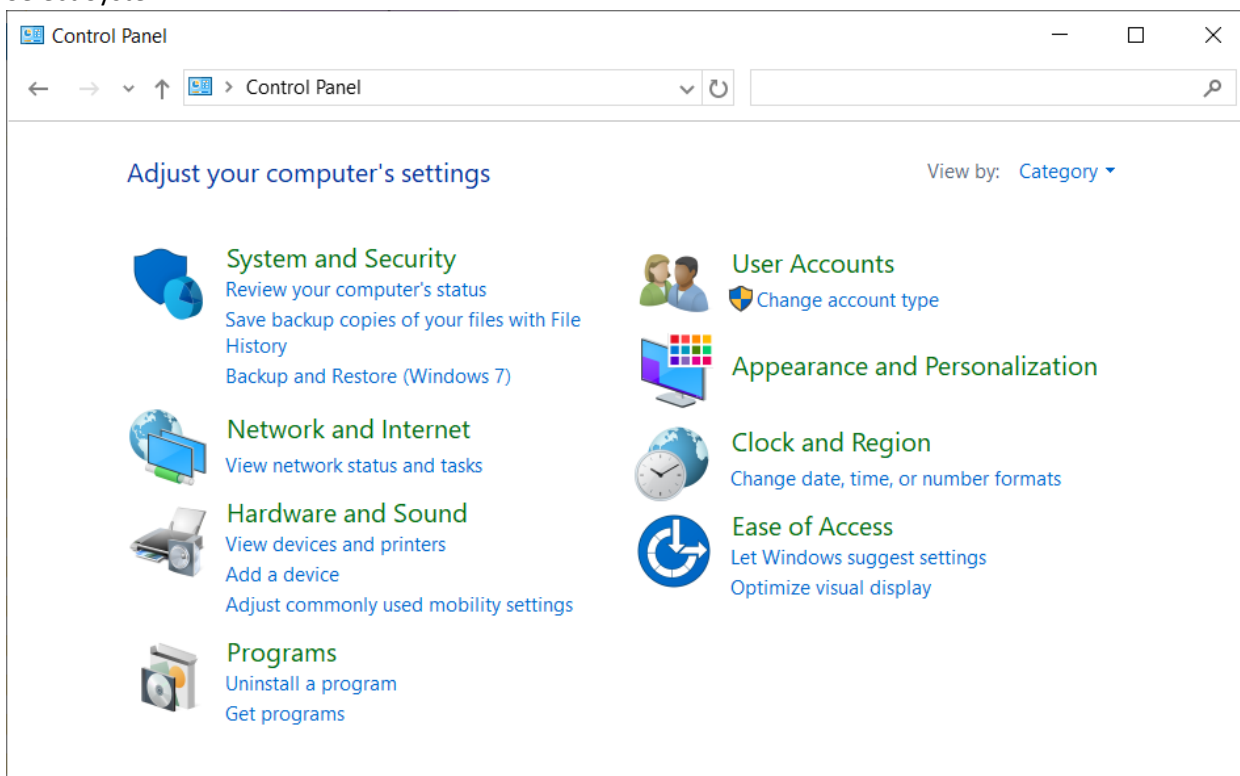
C:\>javac -version
javac 11.0.7

C:\>
```

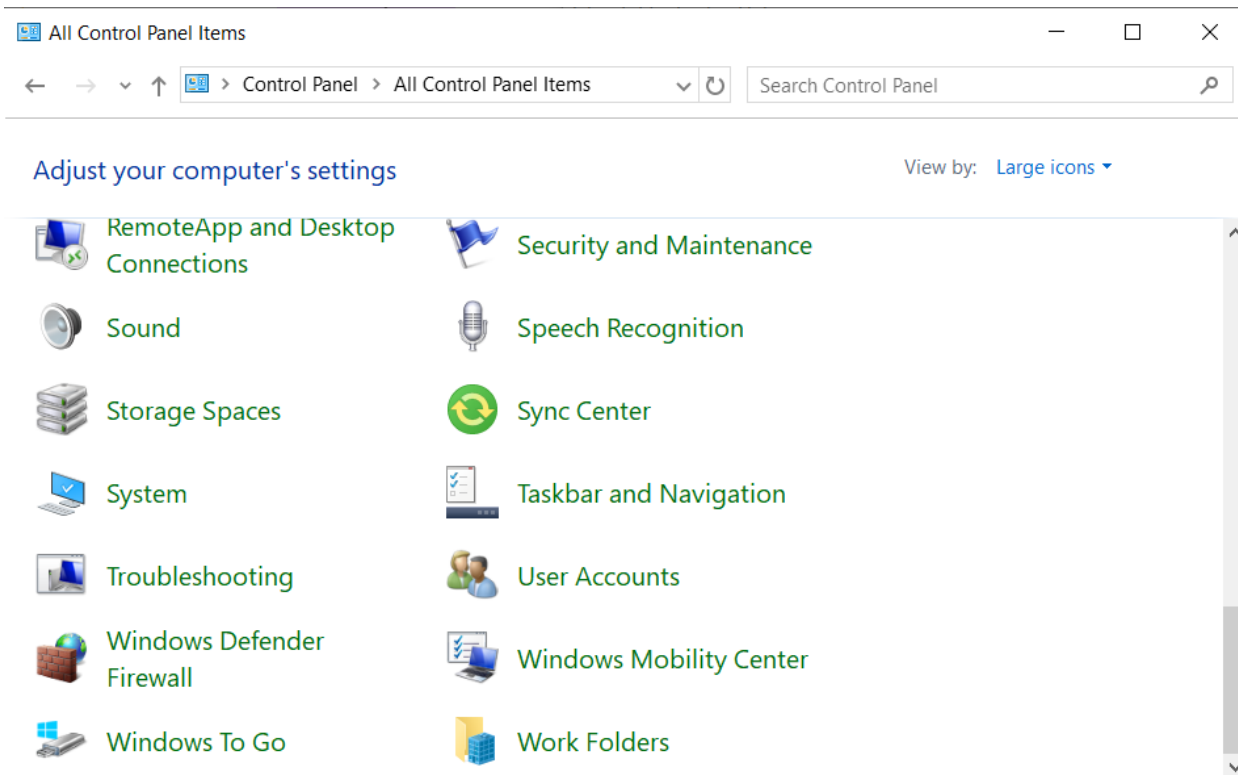
## Editing Path / Verifying Path – Optional or Troubleshooting

Click on the Start Button, type Control Panel, open the Control Panel.

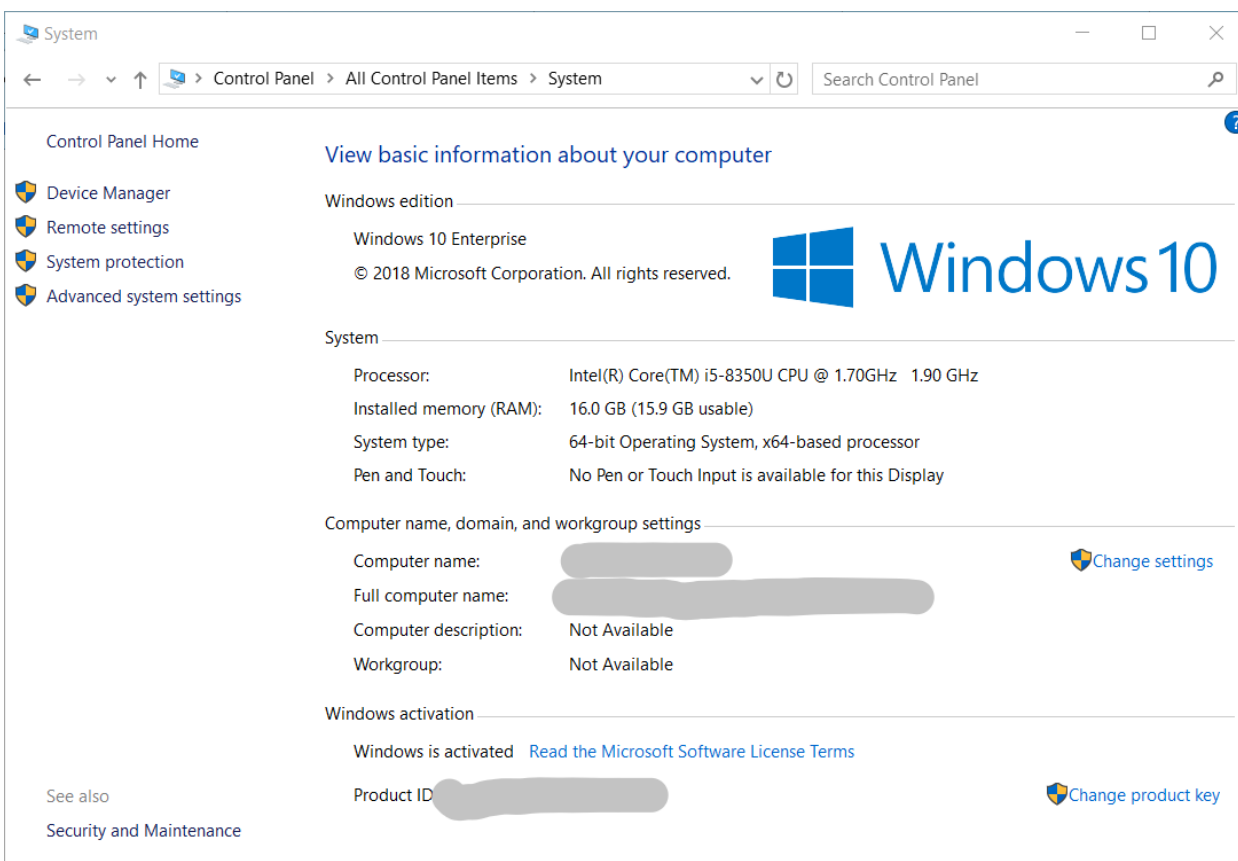
Select System



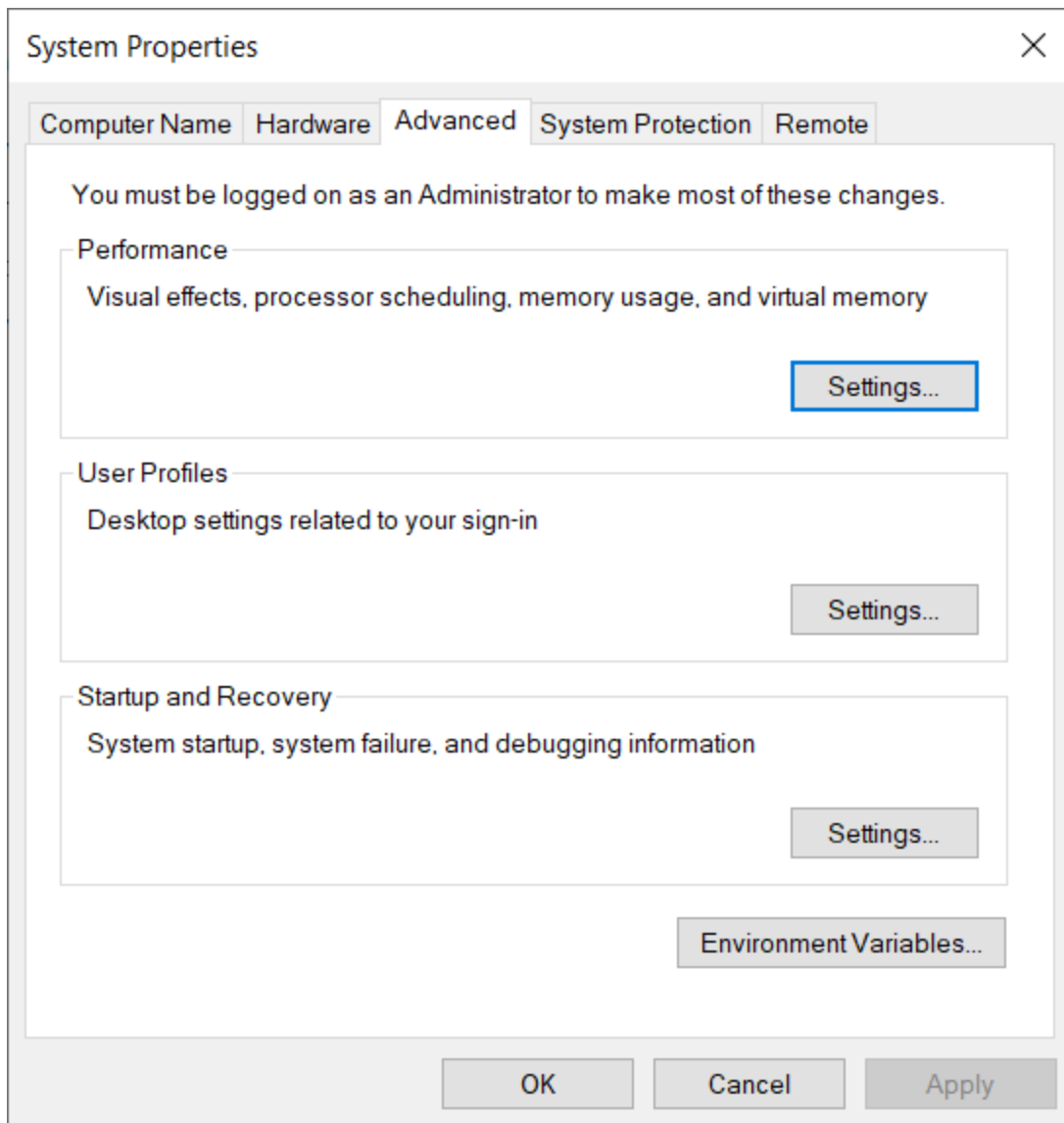
In the upper right corner, change the View-By: dropdown to either Large or Small Icons



Double click on the System icon

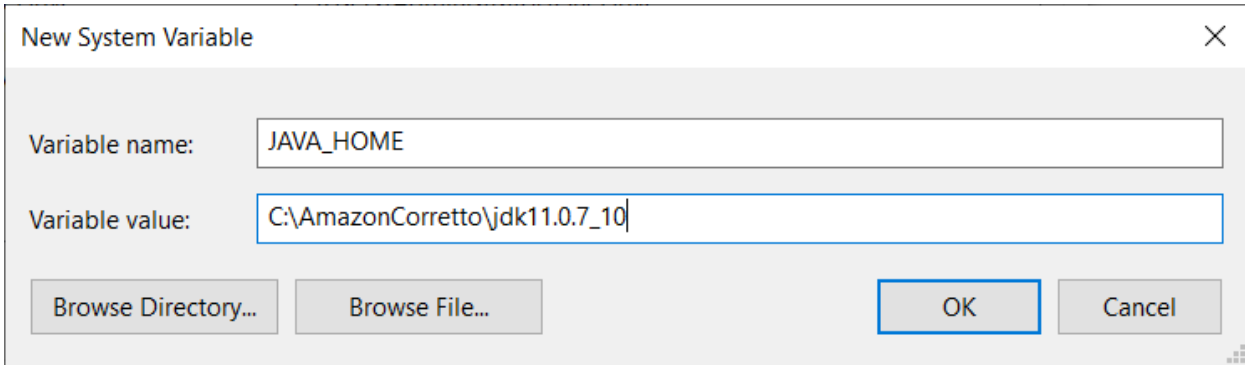
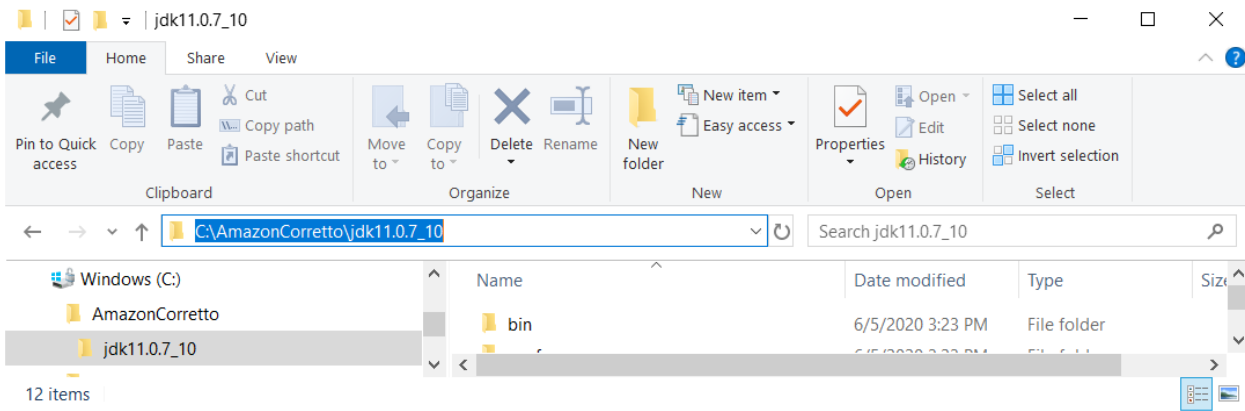


Select the Advanced System settings menu



Select Environment Variables...

Start with windows explorer then copy and paste the path



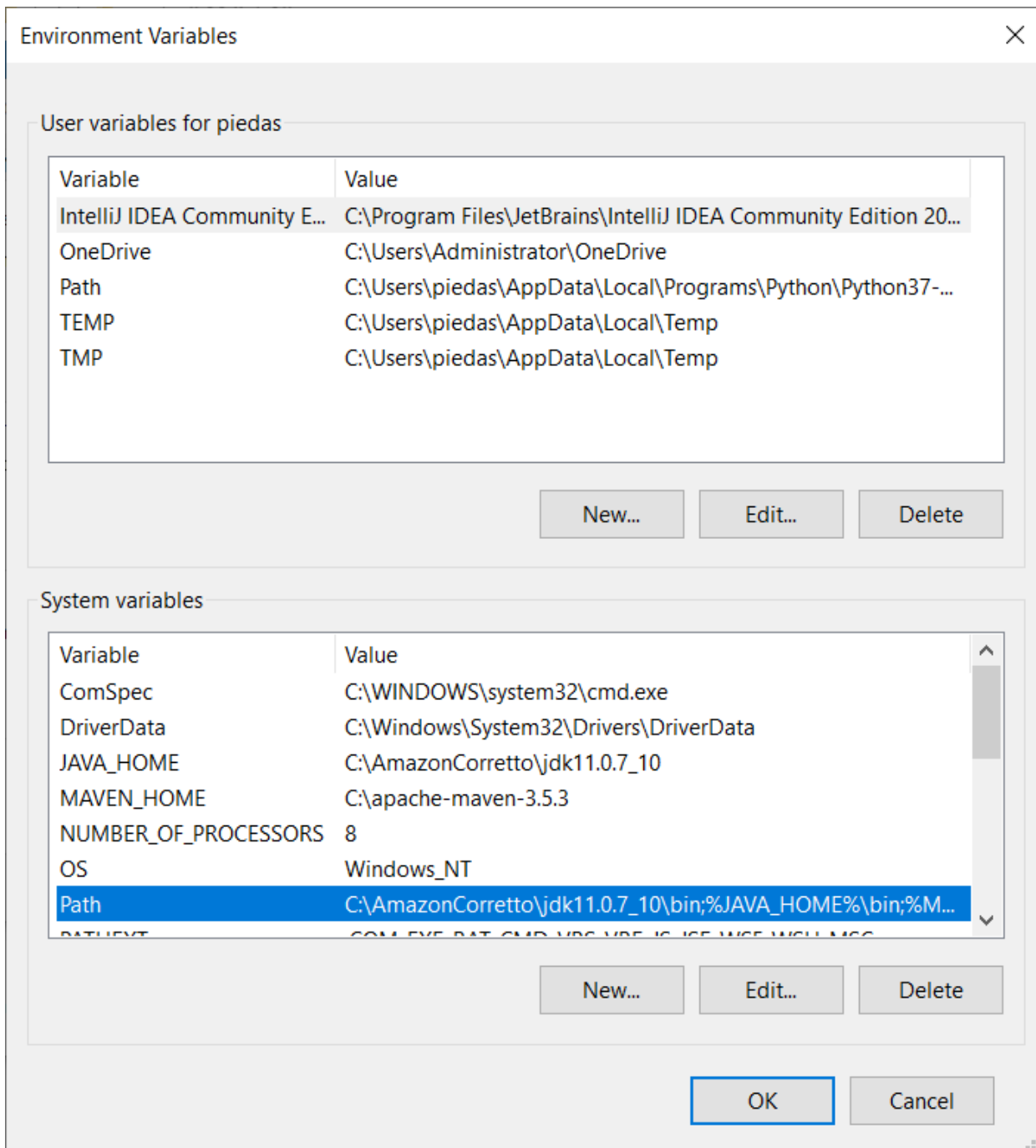
Example:

Variable name: JAVA\_HOME

Variable value: C:\AmazonCorretto\jdk11.0.7\_10

Use the folder name that matches your installed version of Amazon Corretto 11.

Click OK



In the System variables section, select Path.

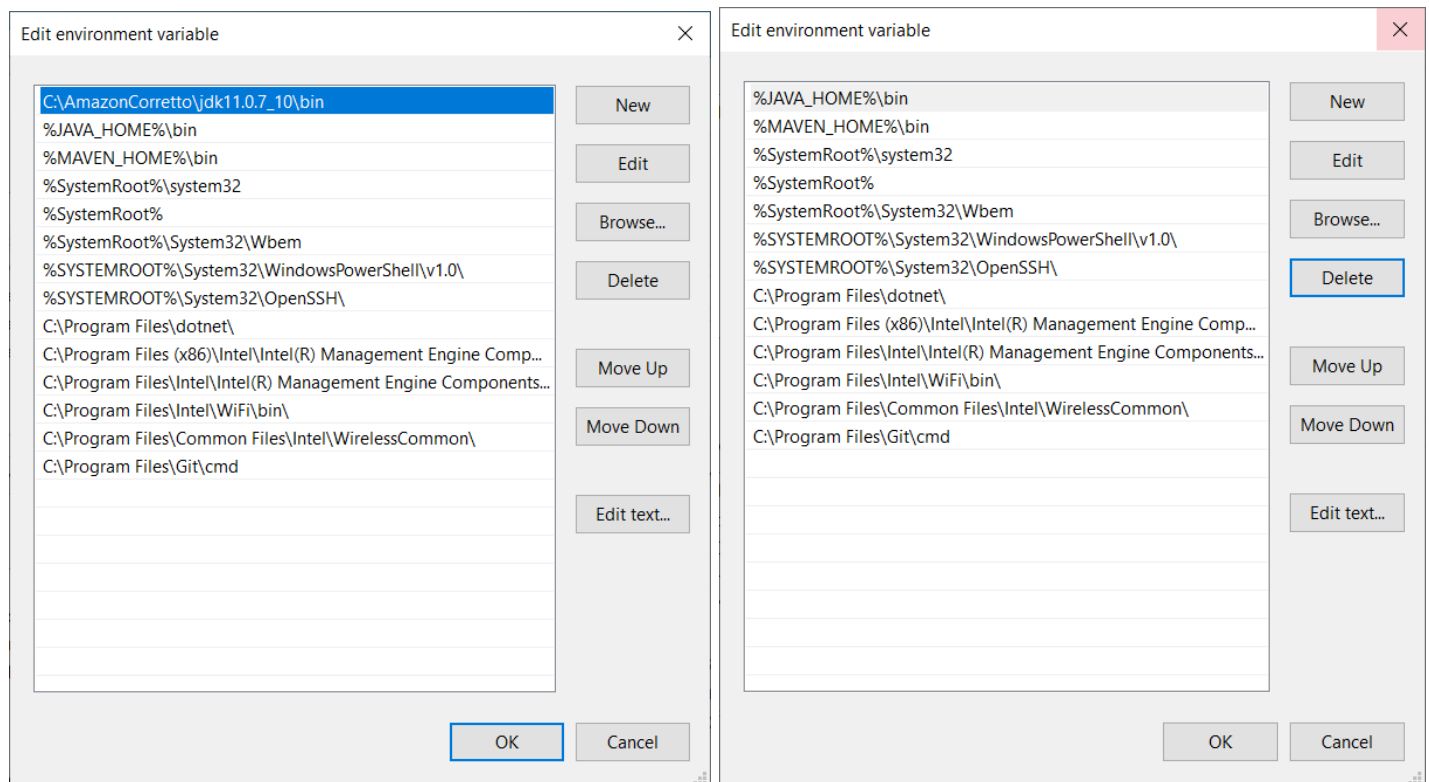
Verify that the Path statement starts with:  
`%JAVA_HOME%\bin;`

Note that there is a semi-colon at the end of the text above.

In my screen shot the installer added `C:\AmazonCorretto\jdk11.0.7_10\bin;` in front of `%JAVA_HOME%\bin`. This is redundant as the operating system uses the variable value within `JAVA_HOME`, if it is enclosed in percent characters.

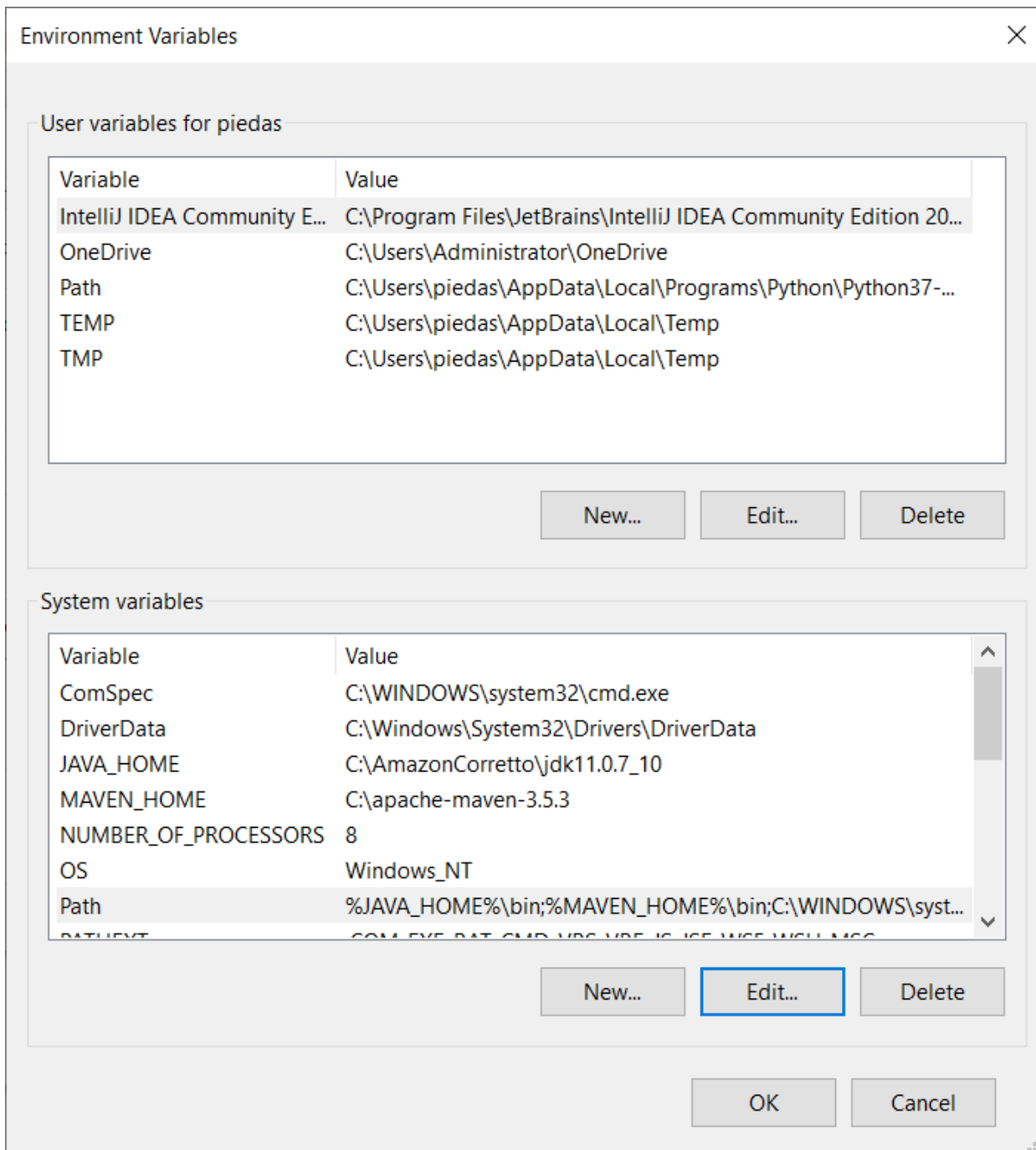
On Windows 10 (shown) the Path is separated out so it is easier to edit, I used the Delete button to remove the AmazonCorretto literal path leaving the `%JAVA_HOME%`

On an aside, the \bin is a sub-folder that contains all of the binary files i.e. the utility programs for Java like java and javac (java.exe and javac.exe).



I then clicked OK.

**Note: Older versions of Windows only have a single text-box with a very long Path value. Do not delete it by accident, edit very carefully.**



With the Path corrected, click OK.

Test to ensure that java and javac work if you made changes. Note: Close and re-open any Command Prompt windows, they only read the Path environment variable once when they open. Older Command Prompt windows will not know if the Path was changed.

