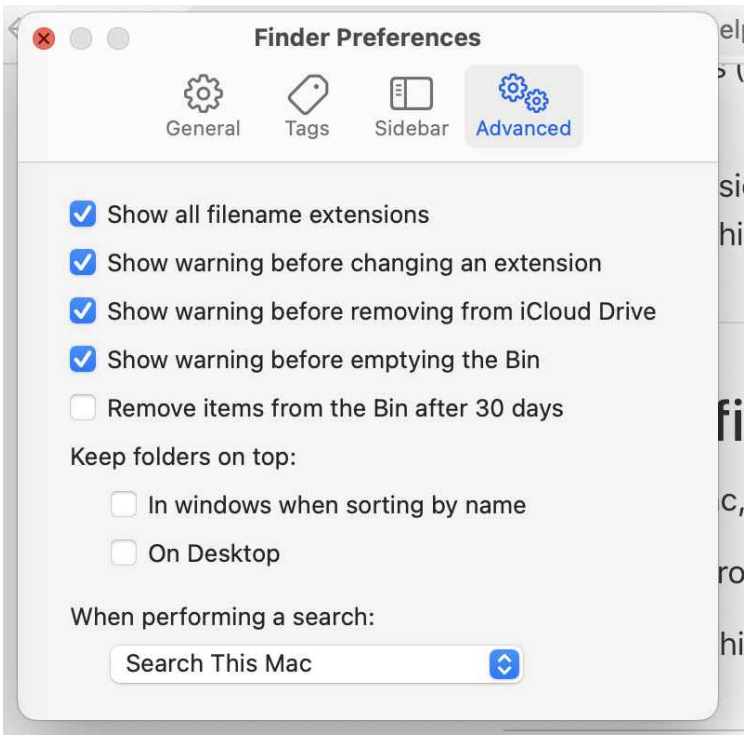
Ready for Code - Mac OS

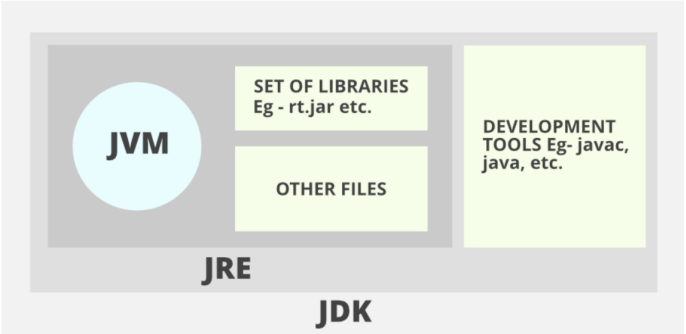
Part 1: Basics & Prerequisites

Show File Extensions

- Finder -> Setting -> Advanced -> Check "Show all filename extensions"

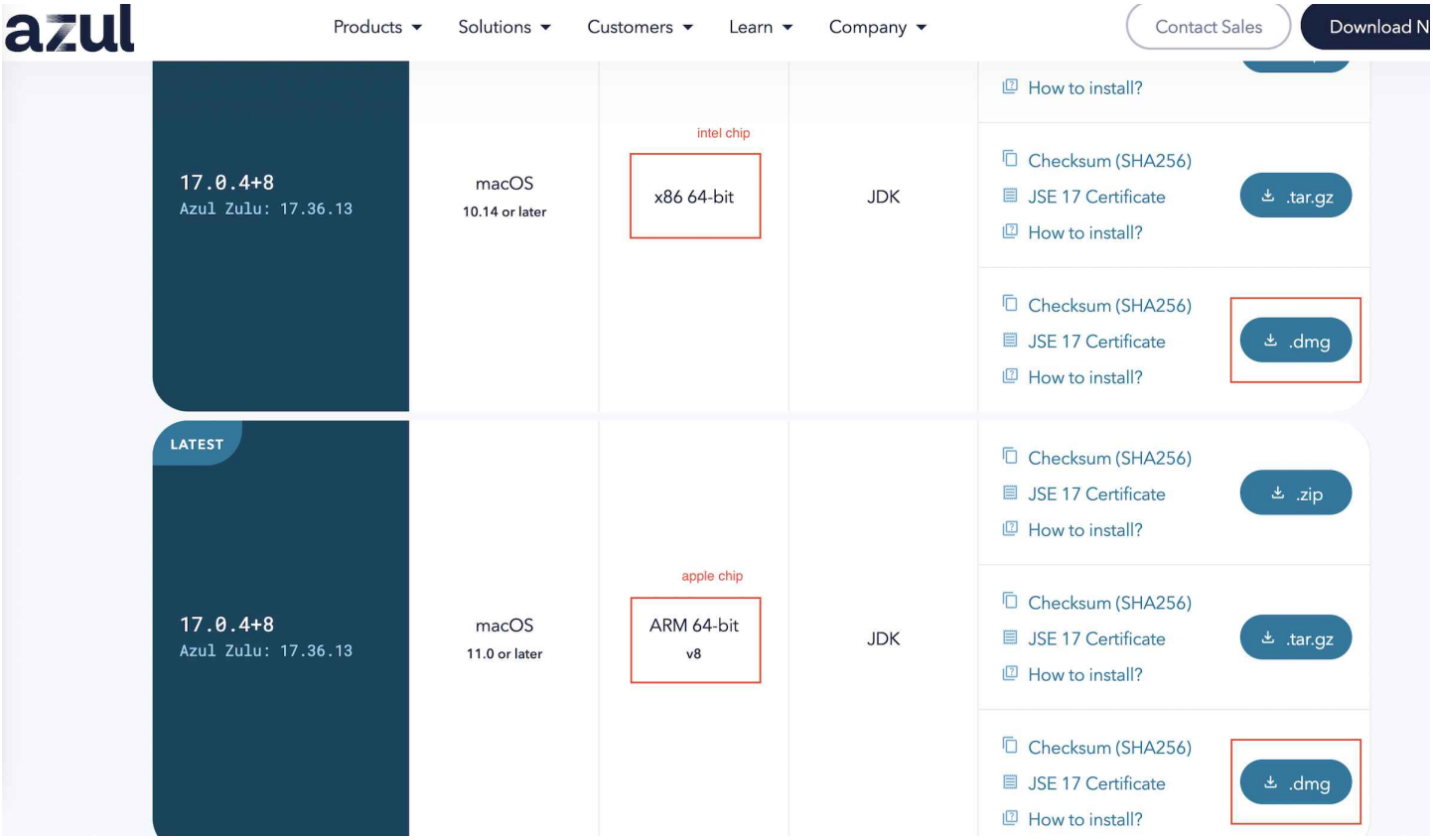


Part 2: Install JDK



5.1 Install Azul Zulu JDK 17

Official - OpenJDK Azul Zulu Download



[Result check]

- Check the default java_home on Mac

```
1 /usr/libexec/java_home -V
```

```
/usr/libexec/java_home -V
Matching Java Virtual Machines (1):
    17.0.4 (arm64) "Azul Systems, Inc." - "Zulu 17.36.13" /Library/Java/JavaVirtualMachines/zulu-17.jdk/Contents/Home
/Library/Java/JavaVirtualMachines/zulu-17.jdk/Contents/Home
```

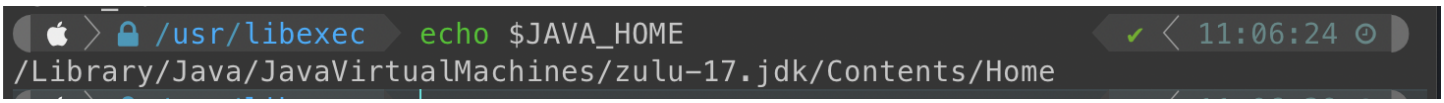
1. For zsh shell, export `$JAVA_HOME` inside files `.zshenv` or `.zshrc`
2. For bash shell, export `$JAVA_HOME` inside files `bash_profile` or `.bashrc`

- You can find the above hidden files in your HOME by `Shift + Command + .`
- Setup environment variable for JAVA_HOME.

[result check]

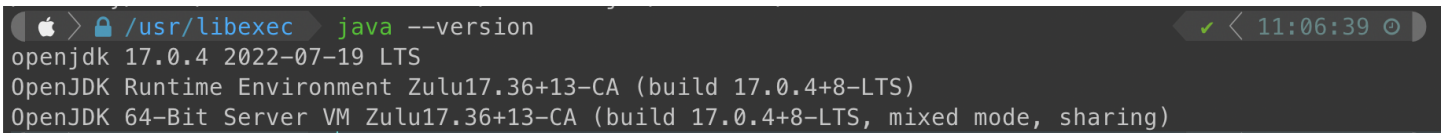
- Check $JAVA_HOME, it should return the installed JDK

```
echo $JAVA_HOME
```



- Check java version

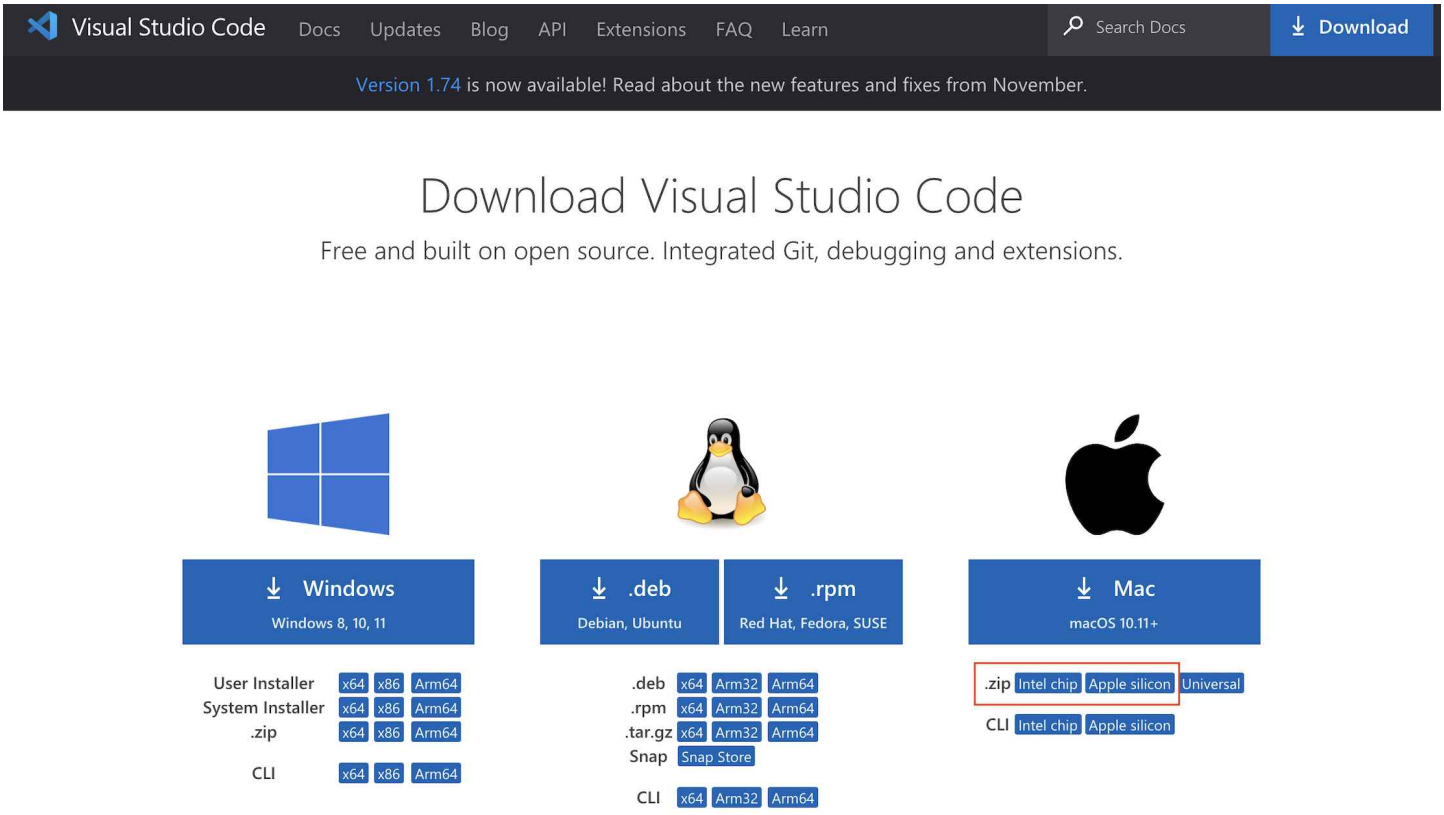
```
java --version
```



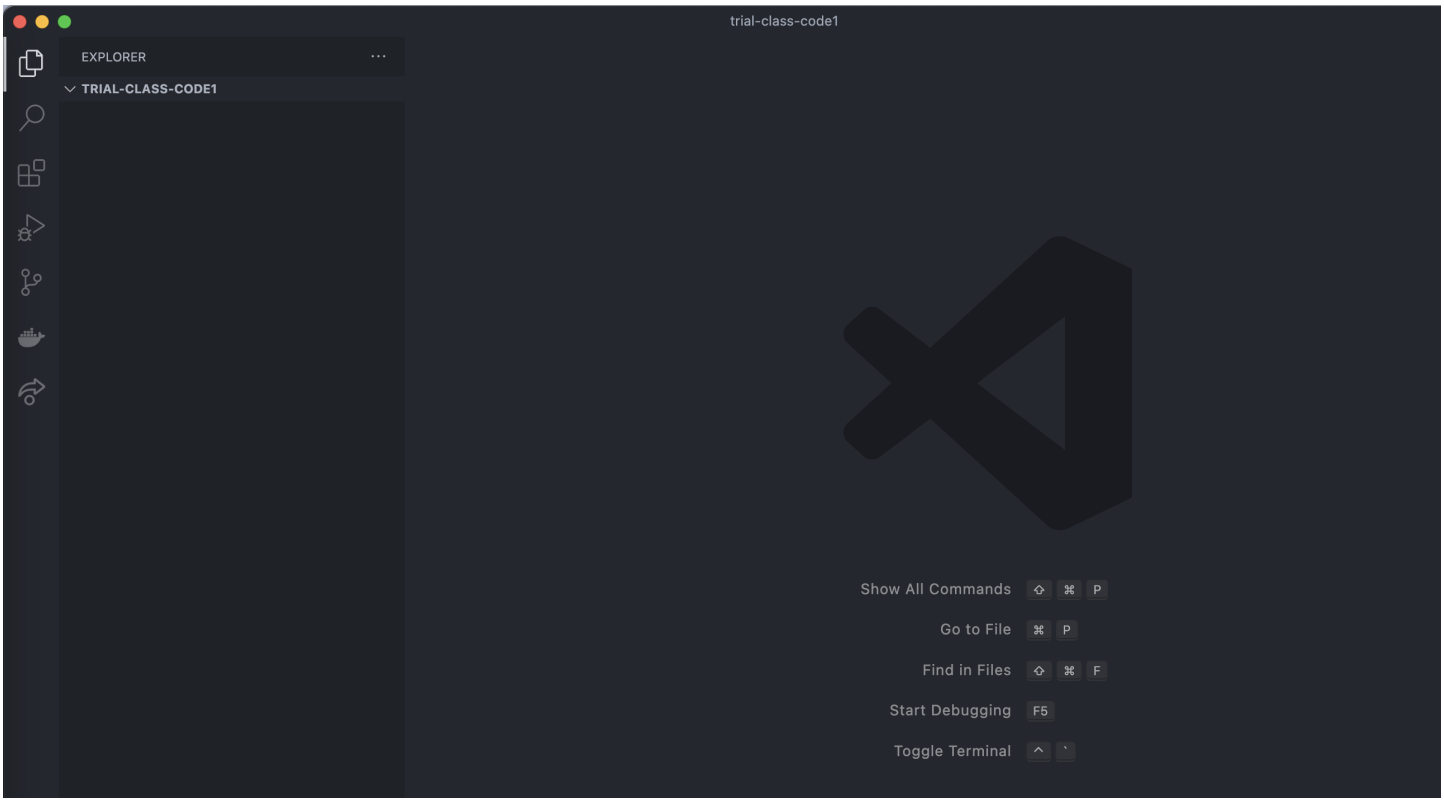
Part 3: Install VSCode

3.1 Install VSCode from Official Site

VScode Download - **Mac OS 10.11 +**

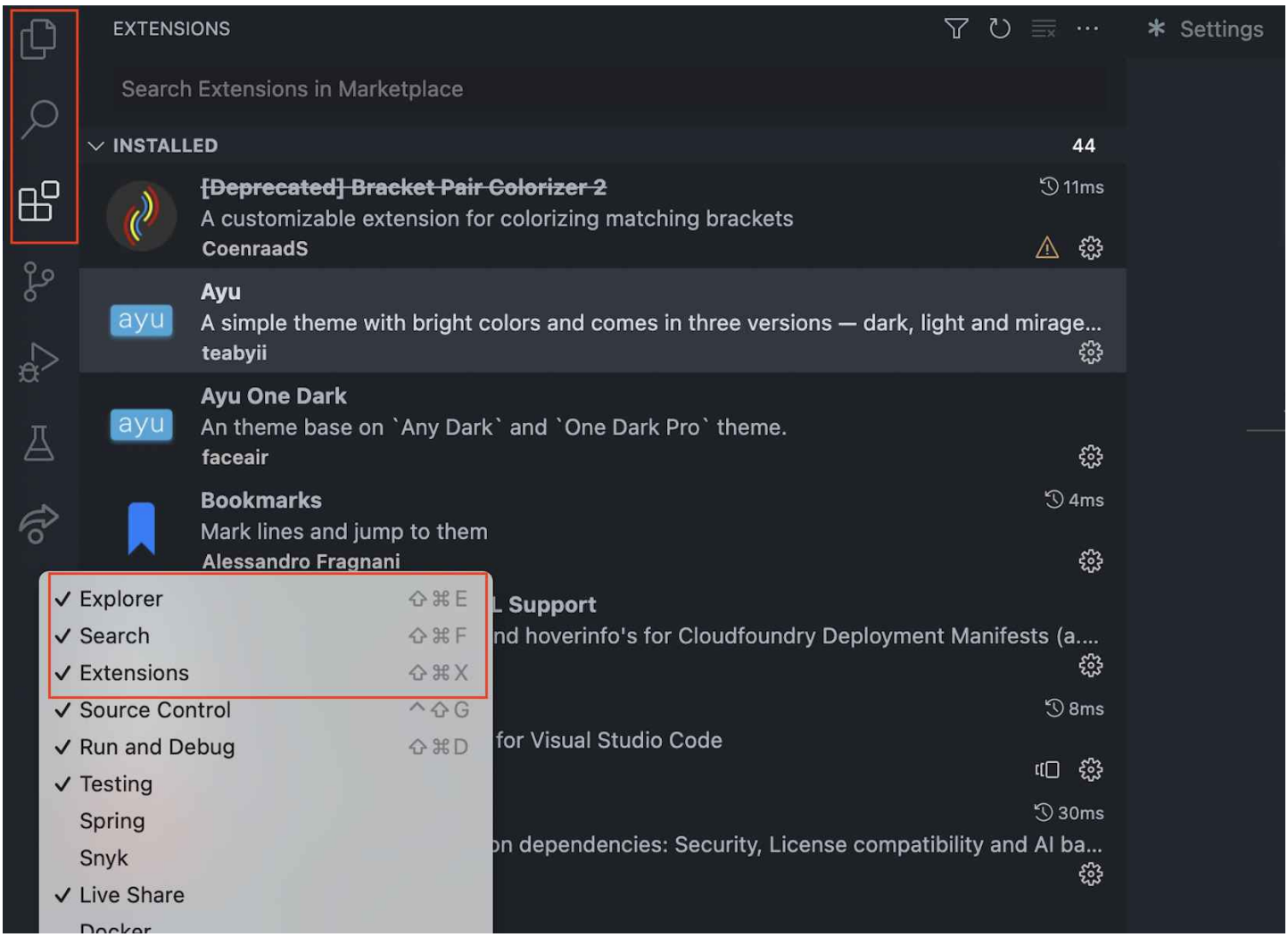


- After downloading and unzip, move to Application and keep it in the Dock to complete the installation.
- Create a new folder, named "trial-class-code" **(This folder can be placed inside any of your favourite subfolder)**
- Launch the VSCode Application.
- File -> Open... -> Select the folder you just created (trial-class-code) -> Click "Open"
- You should find your VSCode screen similar to the following screen.



3.2 Extensions

- Explorer / Search / Extensions are common functions in VScode. Put it in the menu bar on the left hand side of VSCode.



- **You can install all of the extensions below:**
- One Dark Pro
- Extension Pack for Java
- Maven for Java
- Debugger for Java
- Project Manager for Java
- Test Runner for Java
- Language Support for Java(TM) by Red Hat
- XML