

Setting up Your Environment

UWYO COSC 2030

1 Windows Users Only:

- Watch the Lab0 video, these instructions supplement it
- Open the windows store
- Find/get/install ubuntu
- go to <https://aka.ms/wslinstall>
- follow the instructions there, roughly outlined below
- open powershell as an administrator
- type and run

```
dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart
```

- restart your machine
- reopen powershell as an admin
- type and run

```
dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart
```

- download the package listed on step 4
- type and run

```
wsl --set-default-version 2  
wsl --set-version Ubuntu 2
```

- now launch ubuntu on your computer and allow it to do the install
- wait
- enter a username and password when prompted, password will not show
- Download VScode <https://code.visualstudio.com/download>
- launch VScode when installed, it will prompt you to install WSL2 tools, do it
- restart both code and ubuntu
- execute the following commands in ubuntu

```
sudo apt-get update  
sudo apt-get upgrade  
sudo apt install g++
```

- Use this terminal whenever the lab assignments call for a terminal!

2 macOS Users:

- <https://macpaw.com/how-to/install-command-line-tools>