

CSCI 1060U Programming Workshop 1

Lab 1

Installing WSL

- If you have windows 10 (latest version or above), search for command prompt and run as administrator and then run the following command:
 - `wsl --install`
 - This should install wsl and the default ubuntu distribution (you might have to restart your machine after the installation is complete)

Install VS Code or preferred IDE

- Install VS Code follow the installation instructions given on the website, You can use the recommended setting while installing.
- Install the c++ extension on VS Code for better code readability.
- Using VS code with WSL: <https://code.visualstudio.com/docs/remote/wsl>

Using WSL

- On the first launch of Ubuntu, WSL or any distribution you are using you'll be prompted to create a user and password (Dont forget this pw as it's kinda annoying to reset it!!)
- Some basic things to remember:
 - To run code with ubuntu you will need to be in the same directory as the file you are trying to run
 - You will also need to install a g++ compiler to compile your code:
 - `sudo apt update && sudo apt upgrade`
 - `sudo apt install build-essential`
- Helpful linux commands:
 - cd (change directory):** Used to go navigate through directories
 - Usage:
 - cd /mnt/c** (Use this format to get to c drive always)
 - cd ..** (helps you go back one directory, can be used like `cd ../../` To move back multiple directories)
 - ls** lists all the files and folders/directories present in the folder you're in
 - g++ filename.cpp** : to compile your code
 - ./a.out** to output the file contents