Compiling and running code on PC:

1. First, let's create a folder where you can save your files. Navigate to `This PC`, then `Windows (C:)` From here, navigate to the folder `cygwin 64`, then `home`, then there should be a folder with your username. Go into that folder, then make a folder for your code this quarter (no spaces and no "" in the folder name). All of your files should be saved in this folder.

2. To save files in that folder: Open your text editor of choice (e.g., Sublime). Create a new file in Sublime and copy-paste the contents of the C++ reference file given in the lab. Save this file in the folder you created; be sure to give it a name that ends in .cpp. To find the folder, navigate to the folder you made in step 1, using the same sequence of steps.

3. Run Cygwin Terminal. Every time you start the terminal, you'll have to do the following command to get into the folder you made, but only once right when you start the terminal. "cd yourfoldername" (no quotes). The cd command means change directory (directory is just another word for folder), so this is the command to change which folder your terminal is pointing to; you can change to any folder that's nested inside the current folder. Cygwin will always start in your username folder (referenced in step 1), and since the folder you created in step 1 is inside your username folder, "cd yourfoldername" will therefore enter the folder you created.

4. If you entered the wrong directory just type "cd" (with nothing after it) to go back to the beginning (your username folder referenced in step 1) and try again. Cygwin will always start in your username folder (referenced in step 1), and return there if you type cd with nothing after it.

5. Once you are in the desired directory, type in g++ followed by the name of your file (e.g. g++ hello.cpp)

6. If the terminal shows errors, you must go back to your file in Sublime and debug. Then save the file and repeat Step 3.

7. If there are no errors in your file, type ./a.exe to run your file. a.exe is the default name of the compiled program file, and ./ is the Linux command to run a program.