

10.2P 'Hello World' in C

In this task you will compile and run a “Hello World” terminal program in C.

- List the files in this directory using the **ls** command
- Print the working directory using the **pwd** command
- Compile your program using **gcc hello_world.c**
- List the files in this directory using the **ls** command to see the files created by the compile process
- Run your program using **./a.out**

Note: When you want to run a program in Terminal use **./** before the name of the program (no spaces). The **.** refers to the current directory. So **./** means look for the program in the current directory.

Use the sample code provided in the Resources for this task and modify that code to meet the requirements as described above.

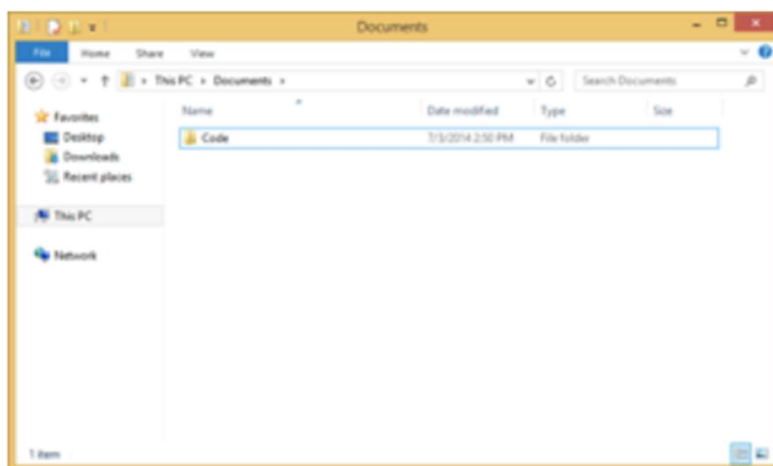
DO THE FOLLOWING ONLY IF RUNNING ON YOUR OWN MACHINE

To compile your program you will need to use **mingw** (in Windows) or the **Terminal** (Mac OS):

1. If you don't already have one, make a directory (i.e., a 'folder') to store your code (e.g., *Documents/Code/Lab1*). On a Swinburne computer you may wish to use a directory on your student drive or a USB storage device.

1. • Navigate to your *Documents* directory in Finder or File Explorer
2. • Right click in the *Documents* directory and select **New Folder**, name it **Code**

3.



2. Open a **Terminal** (MSYS or MinGW shell in Windows), then perform the following commands:

- Change into the directory containing your code using the **cd** command.

```
cd /c/Users/your_user/Documents/Code on Windows or
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```
cd ~/Documents/Code on MacOS or Linux
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