

Workshop 1 Tasks

July 25, 2019

In this week, the following tasks are to be completed

1. To be able to write, compile and execute test programs in C on the machine of your choice.
 - (a) Download the C programs available on the homepage of the LMS for this week and move them to a folder titled ENGR30003.
 - (b) If you are a Mac or Linux user, open up a terminal in the folder where the sample programs are stored. Compile the code via: `gcc -Wall -std=c99 WS1_helloworld.c -o ex -lm`. Upon successful compilation, you can execute the code via: `./ex`. If there are errors or warnings, try debugging the issue or ask for your tutor's help.
 - (c) If you're a Windows user, download MobaXterm ([Download](#)), the plug-ins for gcc and CygUtils ([Plugin](#)). Place these downloaded plug-ins in the same folder where the terminal executable is installed. Launch the executable, start a local terminal session and move to the folder where your sample files are downloaded. You can access your local drives with: `cd /drives/d`. Compile and execute using the same commands as in the point above. If you face issues, ask your tutor for help.
 - (d) Editing and writing your C programs requires a text editor. You may use any editor you prefer but we recommend downloading jEdit ([Download](#)).
2. To be able to login into Dimefox, transfer your files to and from Dimefox. This is IMPORTANT for the assignment submission.
 - (a) Download the document on LMS on copying, transferring your files to and from dimefox.
 - (b) If you cannot login to Dimefox, you will have to place a request with IT services to issue you with an account.
 - (c) If you can login, transfer the files to Dimefox and try to compile, edit and run the sample code.