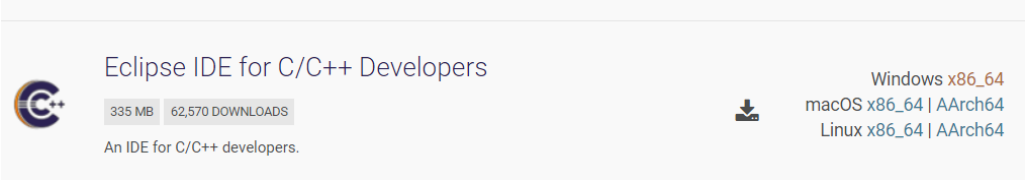
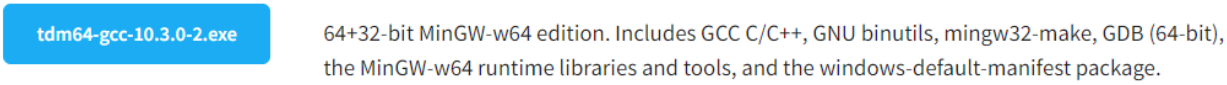
CPSC 1160 Lab #0

1. Set up the environment:

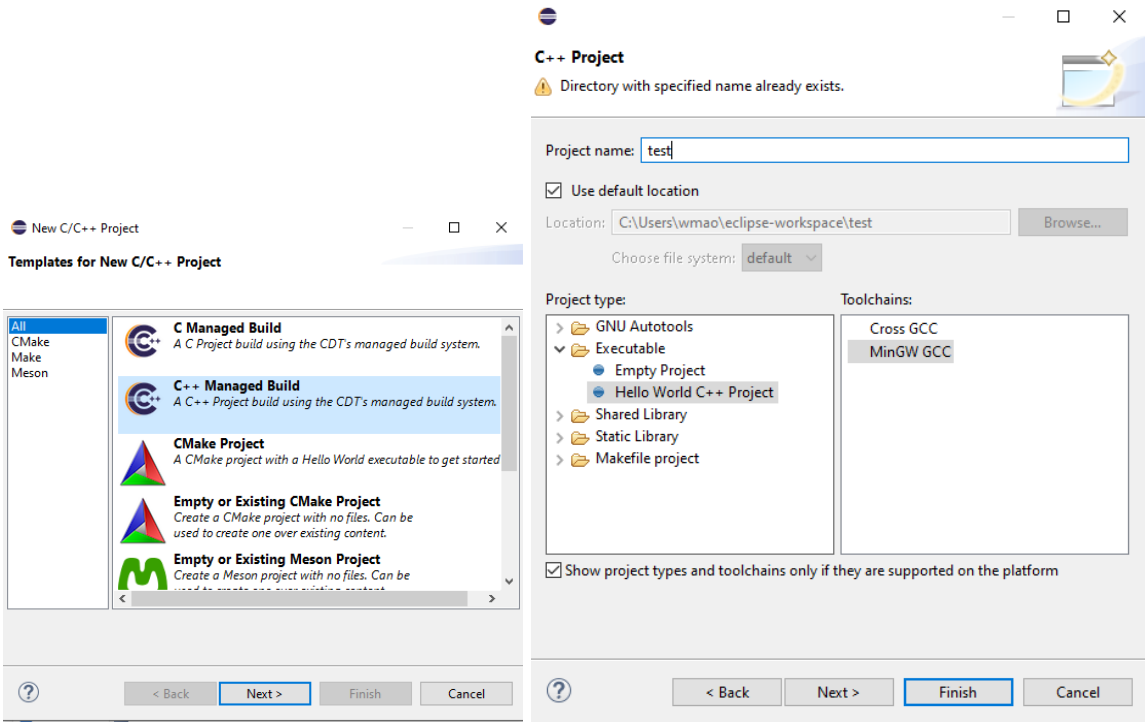
1) Download a portable version (no installation) of Eclipse version from the following link: https://www.eclipse.org/downloads/packages/



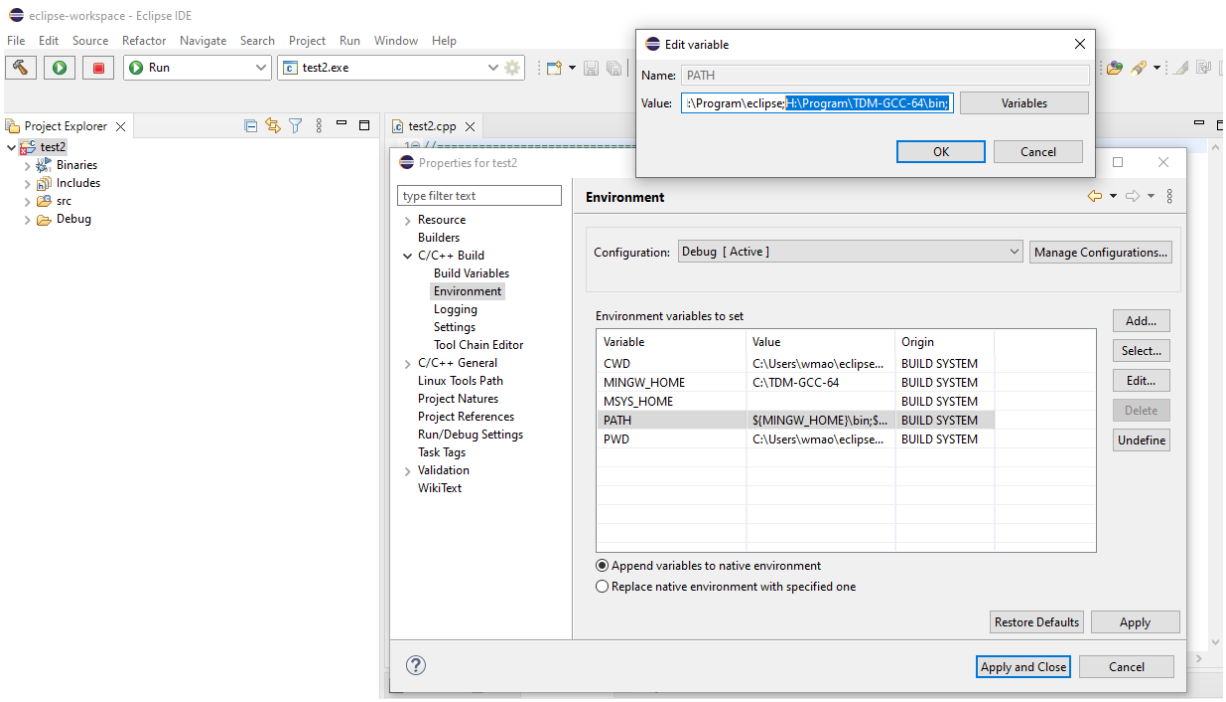
2) Install MinGW through TDM-GCC, which packages MinGW and related tools and it sets up the environment paths: https://jmeubank.github.io/tdm-gcc/download/



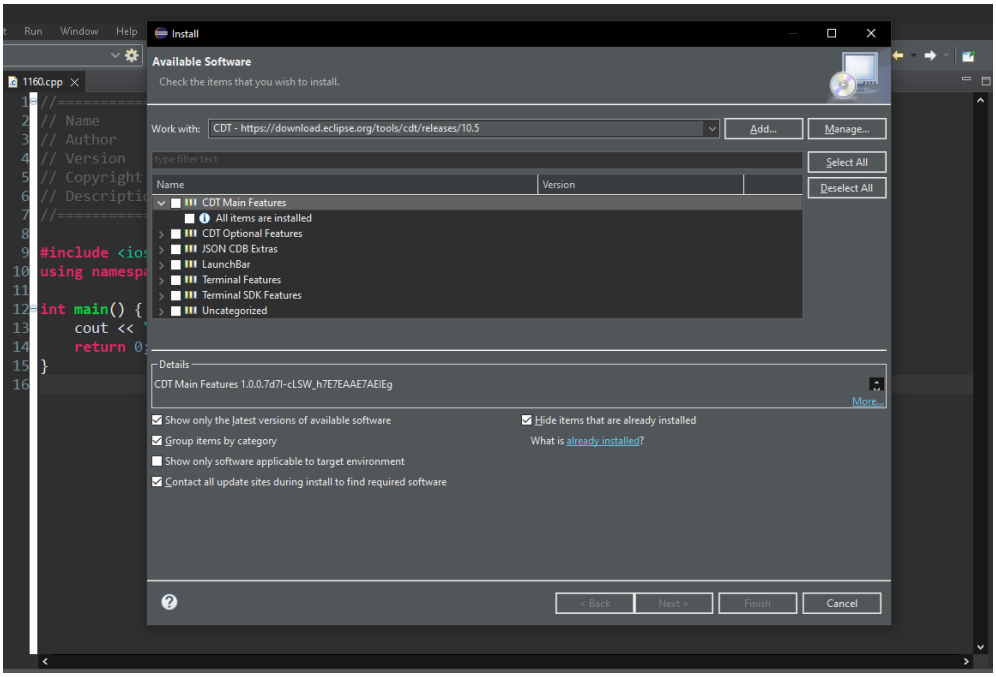
3) To create a new project: File→New → C++ Project→C++ Managed Build; select MinGW GCC for Toolchains.



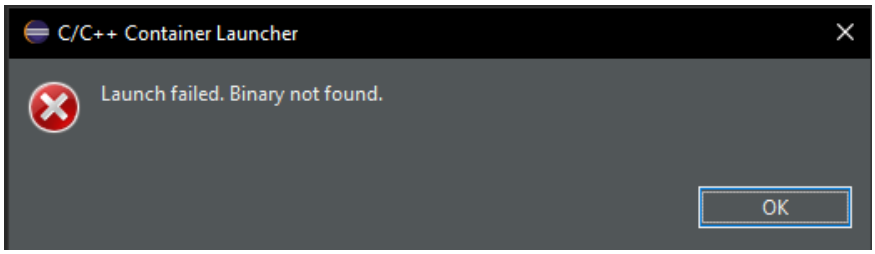
4) Right click the project and select “Properties→C/C++ Build→Environment”. Add “…\TDM-GCC-64\bin;” to C/C++ Build Environment PATH.



5) To install Eclipse CDT, click “Help” in Eclipse and select “Install New Software…”; type CDT next to “Work with:” and find the newest release; click “Add” and select all the items underneath “CDT Main Features”; click “Next.”



6) Press Ctrl +B to “Build Project” and then use the “Run” button if the following window pops up when running the program.



If the above problem occurs, right click the project and select “Properties→C/C++ Build→Settings→Binary Parsers” to make sure “PE64 Windows Parser” is checked and moved to the top for Windows and “Mach-O 64 Parser” is checked and moved to the top for MacOS.

2. Exercises

Try the examples in the path folder “Slides Code (src) / Introduction” on the course shell.

3. Finish Quiz 0 (Office Hours).

There will be points for this quiz.

4. Submissions (If you are asked to submit your lab code):

1) Submit to D2L (Assessments/Assignments/Lab#) a zip/archive file containing the .cpp you have written, and all other files needed to run the program.

2) Use your first name initial and family name to name the zip file. For example, Sheldon Cooper’s lab 0 should be named SCooper_Lab0.zip.