

SETUP INSTRUCTIONS FOR CS345-01-26W

You may use Windows, Mac OS, or Linux for this course. Any of these should work just fine. I am most familiar with Windows, but I've done substantial work with the other operating systems as well.

There are two setup phases: software installation and mapping submission folders.

SOFTWARE INSTALLATION.

WINDOWS:

If you are using Windows 7/8/10/11, go to <http://philos.nmu.edu/Repository> and right-click to save onto your Desktop the file called android-studio-2025.2.2.8-windows.exe . It will install everything else. You may delete this file when Android Studio is installed.

We will also use the Kotlin standalone compiler. <http://philos.nmu.edu/Repository> and right-click to save onto your Desktop the file called kotlin-compiler-2.1.0.zip . Unzip this file and move the kotlinc folder into C:\Program Files . You should add C:\Program Files\kotlinc\bin to your PATH.

MAC/LINUX: I have not worked with Android on these platforms. If you want to use these platforms, you can download it at <https://developer.android.com/studio> .

For Kotlin, use the SAME zip file that is used for Windows. For Mac, I would recommend moving the kotlinc folder to /usr/local . For Linux, move it to wherever is the best location for your specific implementation.

MAPPING SUBMISSION FOLDERS.

How to set up electronic submission folders for this class:

USERNAMES AND PASSWORDS.

Your NMU username and password are the ones that NMU assigns you. These are the names you use to check your e-mail, register for classes, etc.

Your COURSE username is the SAME as your NMU username. Your COURSE password is one that I assign you. You can find it in the "Grades" e-mail I send out. To access the submission folder, you will need your COURSE username and password.

SUBMISSION SCRIPTS.

From the course website, you will find two submission scripts, one for Windows and one for Mac. Right click the one that is correct and download it to your Desktop. If you are using

Linux, I don't have a script for that since it varies with implementation. Come see me; we'll work it out.

You will need to edit the submission script to make it work for you: open the file in a text editor. NotePad on Windows would work;TextEdit on the Mac; gedit on Linux, for example, but it doesn't matter which one.

In the script, change EVERY instance of "jsmith" to your COURSE username. Change EVERY instance of "12345678" to your COURSE password.

ACCESSING THE SUBMISSION FOLDER.

To access your submission folder, just double click on the script (the .bat file) that you have on your Desktop. A window should open containing a folder with the course ID of this class. You shouldn't have to make this folder; it should already be there. This folder, with the course ID, is your submission folder. Your submissions should be placed in this folder.

CISCO VPN.

You CANNOT access the submission folder when you are off-campus, and SOMETIMES you can't access it from on campus. In either case, Cisco VPN will fix you up. If you have an NMU laptop, you should already have a program on there called "Cisco AnyConnect Secure Mobility Client." If you do not have this program, you can download "Cisco AnyConnect VPN Client" from <http://it.nmu.edu/downloads> .