

## CMPT 120 – Lab Instructions

1. **LAB EXERCISES ARE MEANT FOR PRACTICE, NOT TO BE SUBMITTED. THEY ARE AN INTEGRAL PART OF THE COURSE.** They will be directly useful for assignments, lectures and tests.
2. **SOME SOLUTIONS WILL BE POSTED** (after a while, to allow time for people to work on them). Notice that there are several exercises that guide you to explore as opposed to ask you for a solution.
3. **YOU ARE ENCOURAGED TO WORK IN PAIRS AND EXCHANGE IDEAS DURING LABS.**
4. EXPECT THAT YOU WILL NEED TO WORK ON THE LAB EXERCISES DURING THE LABS AND ALSO OUTSIDE. You may work physically in the CSIL labs or elsewhere.
5. CSIL labs are open 24x7. TAs will be available during lab time and office hours as announced.
6. You will get the points corresponding to the lab participation at your own lab time, even if you do not finish all exercises during your lab time.
7. **DURING LABS YOU WILL HAVE TO SHOW YOUR WORK DONE DURING LAB TIME TO THE TAs TO GET PARTICIPATION POINTS.** It is your responsibility to make sure that you interact with a TA to consult and to get your points.
8. **CHANGING THE OPERATING SYSTEM AT THE CSIL LABS**
  - a. At the CSIL labs, if you want to work with **Windows**, but the **Ubuntu** system is running in your computer:
  - b. Turn the computer off (blue button to your left)
  - c. Turn the computer on again, and choose the Windows operating system
9. **WHERE TO SAVE FILES IN YOUR CSIL ACCOUNTS**
  - a. If working in Windows, save your files in the “home” **U:** folder
  - b. If working with Ubuntu, save your files in
  - c. /home/<your userid, same as your id in email before @>/sfuhome/
10. **WORKING REMOTELY:** To work in your CSIL account from home remotely:
  - a. Connect via the **remote desktop to leto.csil.sfu.ca**. (Note: this is NOT a url to be used in a browser. You need to use the **remote desktop application, such as WinScp**)
  - b. For Windows: The remote desktop application is available clicking in the Windows Start button in the bottom left corner.
11. Test accessing your CSIL account both inside and outside the CSIL labs. You may want to create a subfolder for CMPT 120 within U:
12. You can also work in your own laptop. You may bring it to the labs.

13. We will use the convention that a lab exercise with a plus (+) sign by the exercise number is exploratory at the time that the lab exercise is posted.
14. Whenever you are asked to test what will be produced when a piece of code is executed, first guess what it will do (i.e. interpreting/emulating what the execution would execute, with paper and pencil), and only after that test it by running the code.
15. For some exercises some code will be provided as a Python file. You will find such Python file as example posted together with the lab description and also posted associated to the class notes as appropriate.

**End of labs general instructions.**