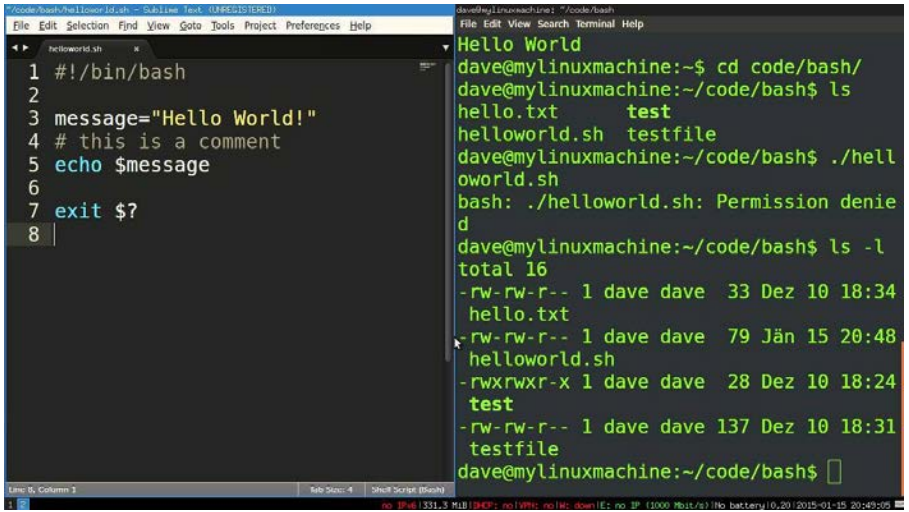
Lab 1

Learning goals:

1. Install Ubuntu 18.04
2. Learn the basics of shell and Git
3. C++ review



Installing Ubuntu 18.04

- Ubuntu on a VM?
  - It is best to install Ubuntu natively or as a dual boot on your machine
  - It is possible to install it on a VM, but be prepared to fix issues
- Mac OS?
  - Due to ROS, we can’t use Mac for most of the labs.
- Windows?
  - Same reason as above.
- Always backup your data!

Git

The official documentation is worth a read:

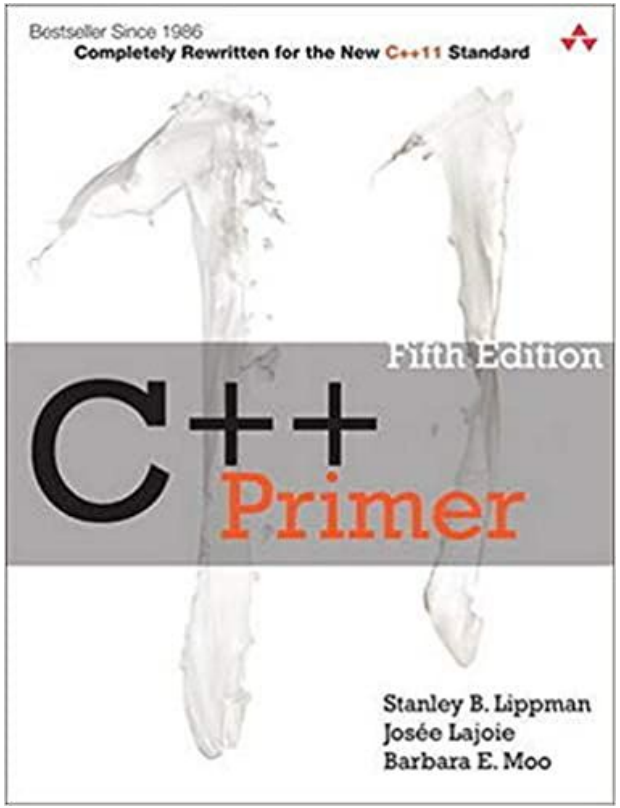
https://git-scm.com/doc

C++

- If you have never used C++ before, please allocate enough time to learn C++:
  - At least quickly go over the first 5 chapters of C++ Primer:

https://www.amazon.com/Primer-5th-Stanley-B-Lippman/dp/0321714113

- Stackoverflow is your friend!



Link

https://mit-spark.github.io/VNAV2020-handouts/lab1/

16.485 Visual Navigation for Autonomous Vehicles (VNAV)
Fall 2020