

## Virtual Box and VM

Link to CS103 page with instructions on getting Virtual Box and Ubuntu VM up and running:

<http://bytes.usc.edu/cs103/install/>

Link: [http://bytes.usc.edu/files/cs103/install/StudentVM\\_Spring2018.ova](http://bytes.usc.edu/files/cs103/install/StudentVM_Spring2018.ova)

hostname: CS103

password: developer

Link to Virtual Box download page: <https://www.virtualbox.org/wiki/Downloads>

Import the VM to VirtualBox: File -> Import Appliance -> Appliance To Import (select the OVA file) -> Import

To get network connection: Devices -> Network -> Network Settings -> NAT and Click on the Blue Arrow -> Check "Cable Connected"

## Linux Commands

Please find a short list of frequently used Linux commands in the following link:

<https://diyhacking.com/linux-commands-for-beginners/>

Also, a more complete list of commands can be found here:

<https://files.fosswire.com/2007/08/fwunixref.pdf>

## C/C++ Programming Guide

Beej's guide to C programming:

<https://beej.us/guide/bgc/html/single/bgc.html>

C++ guide (optional, not necessary for project):

<http://www.cplusplus.com/doc/tutorial/>

## Makefile

<http://www.cs.colby.edu/maxwell/courses/tutorials/maketutor/>