

**Computer Science Practice and Experience: Operating Systems (Comp Sci 3SH3),
Term 2, Winter 2018
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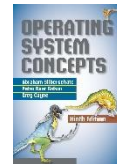
Practice Lab -1a

Outline

This is a take home lab. In this lab you will install a virtual machine (hypervisor) suitable for your computer, and then install the virtual machine image running Linux 3.1 kernel using Debian (v 8.2) distribution provided by the textbook. This image includes the source code for Operating System Concepts textbook as well as tools for software development (e.g. gedit, GCC compiler).

Below are some of the key steps to install the virtual machine, a detailed list of steps is on the textbook's website <http://www.os-book.com/>

- Go to <http://www.os-book.com/>, click on the text book cover
- Under General resources: Click on 'Linux Virtual Machine' link.
- Follow the instructions on this page to install the virtual machine available at www.virtualbox.org
- Download the image "[OSC-2016.ova](#)" and install it as a new machine on the virtual box.



Notes:

1. Make sure you have virtualization enabled on your machine.
 - a. For Windows OS, you can enable it through the BIOS.
 - b. If you don't see this option under BIOS → Configuration, then you might need to download and install an upgrade to the BIOS (I had to do this on my laptop). **Warning: Before following this step take a backup of your computer.**
 - c. After installing the upgrade, restart your computer.