

**Santa Clara University**  
Department of Computer Engineering  
Advanced Operating Systems (COEN 383)

Project-1 (10 pts)  
Instructor: Ahmed Ezzat

## **UNIX up and running**

The purpose of this quick assignment is to make sure everyone has access to UNIX system preferably Linux; this is an individual assignment.

The object is for each student to successfully compile and run the C program ([forktest.c](#)) on a Linux system and to provide a screenshot of the compilation and execution.

If you already have access to Linux system (such as remote server), then you are all set to create a screenshot. Otherwise, you may need to install Linux on your laptop or personal computer.

## **Windows**

Students using Windows can install the [VirtualBox](#) virtual machine Manager (VMM) and install the Debian Linux OS in a virtual machine. You can also use another VMM such as VMWare. Another flavor of Linux or UNIX is OK, too, but then you may encounter differences in the APIs or in the system utilities.

## **Mac**

Students using Mac can also install [VirtualBox](#) and [Debian](#) like the Window users. An option is to use the built-in BSD UNIX that is the foundation for OS X. You shall need to install the Xcode developer tools, and you may encounter differences from Linux in the APIs or in the system utilities.

Email your answers to the grader. Your subject line should be **COEN383 Assignment #1, Group-n**. Cc all your group members so that the grader can do a “Reply all” when needed. This is a group assignment; all group members will receive the same score.