Project I: FreeBSD Introduction and Installation
Deadline: April 4/12/2011, 11:59PM.

The primary goal of this project is to help you become familiar with `VMWare Player` (a virtual machine player) and `FreeBSD` (an operating system), which we will be using throughout the course. The project involves you to do the following:

- Download and install the `VMWare Player` on your work machine.

- Download the VMWare image for FreeBSD 5.4 from the course web site.

- Play the VMWare image using the VMWare player. This will boot the 5.4 version of FreeBSD.

- Log in as root and explore the source code directory.

- Find the following files:

    - `devfs_devs.c`
    - `init_main.c`
    - `procfs.c`
    - `_mutex.h`
    - `kern_fork.c`
    - `vm_kern.h`
    - `kern_lock.c`
    - `kern_thread.c`

    For each file, submit the following information:

    1. Name of directory (with full path)
    2. Number of files in each directory
    3. Number of functions, if any, in each file

- Modify routine `mi_startup`

    - rename variables `sipp` and `xipp`.
    - Rebuild and install the OS.
    - Reboot the virtual machine.

- Revert the files back to the original form, rebuild and reinstall the OS.

You will need to submit (a) the report on the above files, and (b) a brief summary of the installation process.