



CSEN 602: Operating Systems – Spring '18

Mini-project I – Report

Team ID:

110

1. Part I – System Calls

1.1 System Call #1:

- System call command:

Mac	Ubuntu
<code>top -o cpu</code>	<code>top</code>

- Output screenshot:

Mac	Ubuntu

- Brief description of the output: *process table that gets the active running processes*

1.2 System Call #2:

- System call command:

Mac	Ubuntu
<code>ps aux</code>	<code>ps aux</code>

- Output screenshot:

Mac	Ubuntu

- Brief description of the output: *process table that gets the active running processes along with PIDs (process ID), including both active users and root processes*

1.3 System Call #3:

- System call command:

Mac	Ubuntu
<code>sudo kill -9 19784</code>	<code>kill 4490</code>

- Output screenshot:

The image displays two terminal windows side-by-side, showing the output of the 'top' command on a Mac and Ubuntu. The Mac terminal shows system statistics for a 32-bit Intel Mac, including CPU usage, memory usage, and a list of running processes with their PID, PPID, USER, and COMMAND. The Ubuntu terminal shows similar statistics for a 64-bit system, including CPU usage, memory usage, and a list of running processes. The Ubuntu terminal also shows a 'top' command output for a specific process (PID 1000) with its command line and arguments.

- Brief description of the output: *terminating the browser process from the terminal*

2. Part II – Directory Duplication Process in C

/ Make sure to submit your source-code along with this report */*

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