Manage Processes & Using VI

Job Control (70 pts)

What process on the server has the PID of 5? Can you find any information about what this process is doing? List the process name and what you think it does below along with the command you used to get this information.

$

Answer:

Practice job control by running the program **longprocess**. This program counts from 0 to 100 with a 2 second pause between each number it prints. The longprocess file is a Perl program. If you are using a plain Ubuntu install you should have no problem running this script. Make sure the longprocess file is on your Linux machine in your home directory before continuing.

1. Change the permissions of this file so it is executable. List the command you used to do this below. Once executable, if you are in the same directory as the file, you can run it with the command ./longprocess

    $

2. Run longprocess in the foreground. List the command you used to do this below.

    $

3. Pause longprocess and then restart it in the background. List the commands you used to do this below.

    $

4. Kill the longprocess that you just put in the background. List the command you used to do this.

    $

5. Rerun longprocess but this time start it in the background. List the command you used to do this.

    $

6. Now, use ps or top to find the process id (pid) of the longprocess command you are running. List the command you used to do this OR explain how you did this.

7. Now use the kill command to kill the running longprocess with its process ID. List the command you used to do this.

    $

File Editing Practice (30 pts)

1. Login to the Blackboard site and copy the file named **vipractice.txt** to your home directory.

2. Open the file up in vi and follow the directions in the file.

3. When you are done rename the **vipractice.txt** file to **yournamehere_lab2.txt**. Let me know if you have any trouble with permissions. This lab is more for your own practice and not for a grade so please take your time. This component will be graded as pass/fail as I can't know exactly how you achieved your results. You must upload your finished txt file with this assignment to get a grade for this section.