

1. Learn how to use the following basic commands. top tells you information about processes and their resource consumption. ps tells you information about all processes in the system. ps has several useful commandline arguments. It is worthwhile understanding and learning the most useful ones. For example, ps -A gives you information about all processes in the system. Also, learn to use any disk monitoring tool. For example, iostat gives you information about disk utilization. Again, understanding various useful commandline arguments (-c -x -m etc.) will be quite handy.

2. Study the following Linux commands : sed, grep

a) Use the sed command to delete the first character and last character in each line of a file.

b) Use the grep command to find how many lines of a file contain a given word. The filename and the word are provided as inputs.

3. Use the who command and redirect the result to a file called myfile1. Use the more command to see the contents of myfile1.

4. Use the date and who commands in sequence (in one line) such that the output of date will display on the screen and the output of who will be redirected to a file called myfile2. Use the more command to check the contents of myfile2.

5. Write a sed command that swaps the first and second words in each line in a file.