



Operating Systems Lab

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Lab Task: 1

Q1. Execute the following commands on to your system's terminal and show their output with screenshots in PDF.

1. ls (with at least 3 different flags separately)
2. man
3. pwd
4. less
5. uname (with all flag)
6. hostname
7. cd
8. mkdir
9. rmdir
10. touch
11. grep
12. cat
13. sort
14. head and tail
15. stat
16. free (with byte, KB, MB and GB flags separately one by one)
17. uptime
18. top
19. ifconfig
20. gzip (to zip the files)
21. gunzip (unzip the files)
22. ping google.com (to check network connection)
23. netstat
24. nslookup google.com
25. ps (with all flag separately)

Note: Clearly mention the command number, command name and then screenshot of the output in PDF.

Q2. Install vim editor in your system using command line and create new file and name it as your name(**Your_Name**) and write your full name, batch and section in the file in three different lines. Similarly create another file using vim and name it as your roll number(**P10_1234**) and put your roll number and email in the file in two different lines. After creating these two files your task is to concatenate these two files content into third file name as **Personal_Info.txt**, and at the end show the final file content using cat. Make sure for concatenation you have to use only single command for concatenation and don't use any new command which we haven't study in the class just think and try to use same commands which we study in the last lab.

Note: Put screenshot of each and every step, also put the concatenation command and last step (as explain above) screenshots in the PDF.

Submission: You have to submit one PDF and should have clearly mention the both question numbers and proper screenshots of your terminal. Rename your file as **Name_P10_1234.pdf** and submit on Google Classroom. Copied task will be awarded with straight **ZERO** marks.

Good Luck :-)