

**Operating System Lab
Assignment-1**

Topic : Basic Commands in Linux Operating System.

Sl. No.	Problem	Page #	Date	Remarks
1.	Design a date command with options s.t. the output is Today's date : dd/mm/yyyy Current time : hh:mm:ss			
2.	Design a cal command with options to print the calendar of a specific moth of a specific year.			
3.	Use touch command to create a file with date and time different from current date and time.			
4.	Use who command to find out number of users (user count) logged in.			
5.	Use ls command to sort the list according to a. file name (descending) and display with their inode numbers. b. size of file(ascending) and display names in one column.			
6.	Create a directory structure as given below. <div style="text-align: center;"> <pre> graph TD white[white] --- Blue[Blue] white --- red[red] white --- black[black] red --- magenta[magenta] red --- violate[violate] green[green] --- cyan[cyan] </pre> </div>			
7.	Change directory from white to violate.			
8.	Change directory from violate to blue.			
9.	Change directory from blue to black.			
10.	Change directory from black to cyan.			
11.	Create one file under blue and copy it into magenta directory.			
12.	Move the file under magenta to black.			
13.	Move entire black directory to blue.			
14.	Delete the file under blue.			
15.	Delete the directory cyan.			
16.	Delete the directory red.			
17.	Copy entire black directory under green.			
18.	Delete the directory black under blue.			