**Assignment\_1 (DS Lab)**

1. Write the command to display your hostname, os name, kernel name, architecture name.

-> hostname To identify a network name, uname -o , uname -s, uname -m

1. Write the command to show who are logged on.

-> who

1. Write the command to show your current user name

->

1. Write the command to display current date and time

-> date

1. Write the command to display local and universal time & date with time zone name.

timedatectl

1. Write the command to display a dynamic real time view of your OS with its processes type, order, size and CPU usages in %.

PID: Shows task’s unique process id.

PR: The process’s priority. The lower the number, the higher the priority.

VIRT: Total virtual memory used by the task.

USER: User name of owner of task.

%CPU: Represents the CPU usage.

1. Write the command to tell how long the system has been running, how many users are currently logged on & the system load avg for the past 1,5,15 minutes

8) Write the command to display the contents of root directory.

9) Write the command to display PID,PPID, UID of bash.

10) Write the output of the command at the command prompt.

11) Display your current IP address(es).

12) Display the configuration file where the IP address is defined.

13) Verify that you have a gateway.

14) Verify that your gateway is alive

15) Which ports are used by http, pop3, ssh, telnet, nntp and ftp protocols?

16) Display hostname of your computer?

17) Which ip address did your computer recently have contact with?

18) Display all the network cards on your system?