INSTITUTE OF TECHNICAL EDUCATION AND RESEARCH

(SOA Deemed to be University)

LAB ASSIGNMENT REPORT

ON

DISTRIBUTED SYSTEM

Submitted By

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Semester: 7th **Section:** M

Assignment_1 (DS Lab)

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

==> uname

2) Write the command to show who are logged on.

==> who

3) Write the command to show your current user name

==> whoami

4) Write the command to display current date and time

==> date

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

==> timedatectl

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

==> top

7) 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

==> uptime

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

==> ls \

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

==> ps -o ppid

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

==> YOUR-COMMAND > C:\PATH\TO\FOLDER\OUTPUT. txt.

11) Display your current IP address(es).

==> ifconfig

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

==> The /etc/sysconfig/network file

13) Verify that you have a gateway.

==> In the "Open:" field, type cmd , and then click OK. This will open the command prompt. At the prompt, enter ipconfig . This will display your network information, including your default gateway.

14) Verify that your gateway is alive

==> ping is the way to test whether a host is alive and connected.

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

==> http: 80, 8080 ; pop3: 110 ; ssh: 22 ; telnet: 23 ; nntp: 119 ; ftp: 20, 21   ;

16) Display hostname of your computer?

==> getmac

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

==> arp -a

18) Display all the network cards on your system?

==> ifconfig -a