

Experiment No. 7 (Memory Management Commands)

1] free -m :-

- Displays total used and available RAM in megabytes.

~~1] cat /proc~~

2] cat /proc/meminfo

- Displays real time system memory statistics including total ram, free memory, cache memory.

3] top :-

- Displays active processes, CPU usage, and memory consumption.

4] df -h :-

- Displays available and used disk ~~space~~ in human-readable format (-h).

5] vmstat 2 5 :-

- Reports memory usage, CPU load, and system performance every 2 seconds for 5 iterations.

6] dmidecode -t memory :-

- Displays RAM details such as type, size, and speed.

7] sar -r 5 10 :-

- Collects memory usage statistics every 5 seconds for 10 times.

8] getconf PAGE_SIZE :-

- Displays system page size.