**Experiment 8**

**Aim:**Experiment to study Advanced shell script.

a) Write shell script to display list of users currently logged-in,

Display top 10 processes in descending order of CPU utilization and display

processes with highest memory usage.

b) Shell script program to check whether given file is a directory or not

c) Shell script program to count number of files in a Directory

d) Shell script program to copy contents of one file to another

e) Create directory, write contents on that and Copy to a suitable location in your

home directory.

a) Write shell script to display list of users currently logged-in,

Display top 10 processes in descending order of CPU utilization and display

processes with highest memory usage.

|  |
| --- |
| #! /bin/bash  echo "Currently logged on users:"  who  echo "Top 10 processes in descending order of CPU utilization:-"  ps -eo pid,ppid,cmd,%cpu --sort=-%cpu | head -n 10  echo "Process with highest memory usage:-"  ps -eo pid,ppid,cmd,%mem --sort=-%mem | head |