Practical-7

Aim: Study and implementation of ps command's basic functionality.

Task:1

Study manual page of ps command.

Practically explore ps with various options like -a, -e, aux, -ejH, -eLf etc.

Task-2

Explore the proc file system and understand the contents.

Study manual page of proc and understand the details of stat file.

Programs:

1. Write a program to print process id and process name of all current processes in the system.

2. Extend the above program to read and display other fields from the stat file. (Optional)

Solution Logic :

- The program should open proc file system and browse through all directories which are named with process ids.
- The program should then read contents of stat file for each of the directory and print the corresponding details with proper headers.