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Ps command is a like command prompt. The ps -ef command is used to find the PID (Process ID, Unique number of the process) of the process. Each process will have the unique number which is called as PID of the process. And it will have the current one value.

The ps -eo which have pid,uid,vsz,rss. The cat (short for "concatenate ") command is one of the most frequently used command in Linux/Unix like operating systems. cat command allows us to create single or multiple files, view contain of file, concatenate files and redirect output in terminal or files. The root of ps -ef terminal will take the cat command to a different destiny. The last line's difference caused by the cat command.

The differences between the output of ps and the output(i.e. psout.txt) of our kernel module(i.e. lab2out.txt) is because there is a gap between operating ps command and catch the task status by kernel module, and some task are changed. In our case, the last line was changing since from ps -ef, we shall see that the last line is for command that just take in form the root terminal, since every time is changed i.e. cat, insmod, the results are difference.