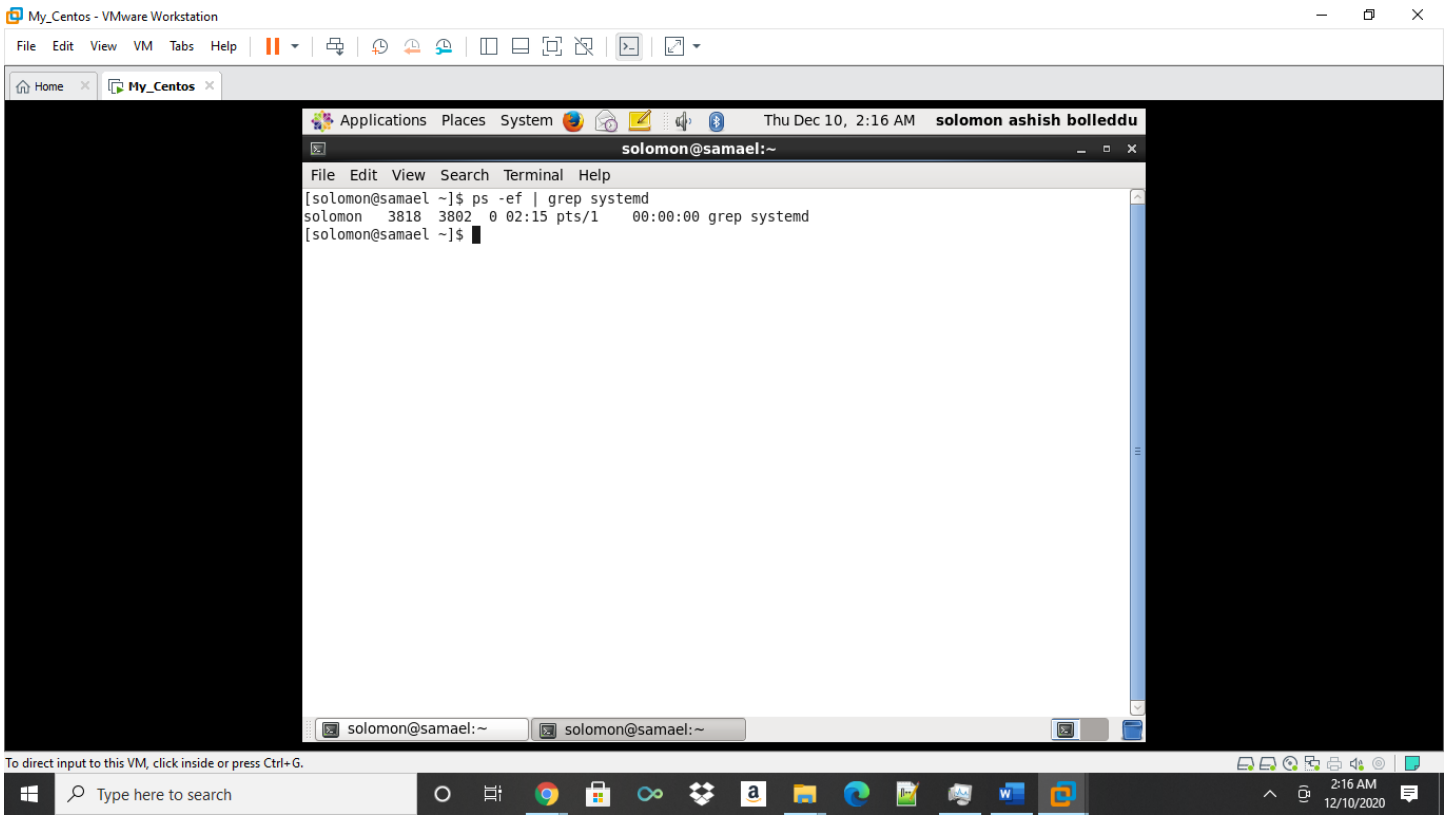
ASSIGNMENT DAY-6

Question 1

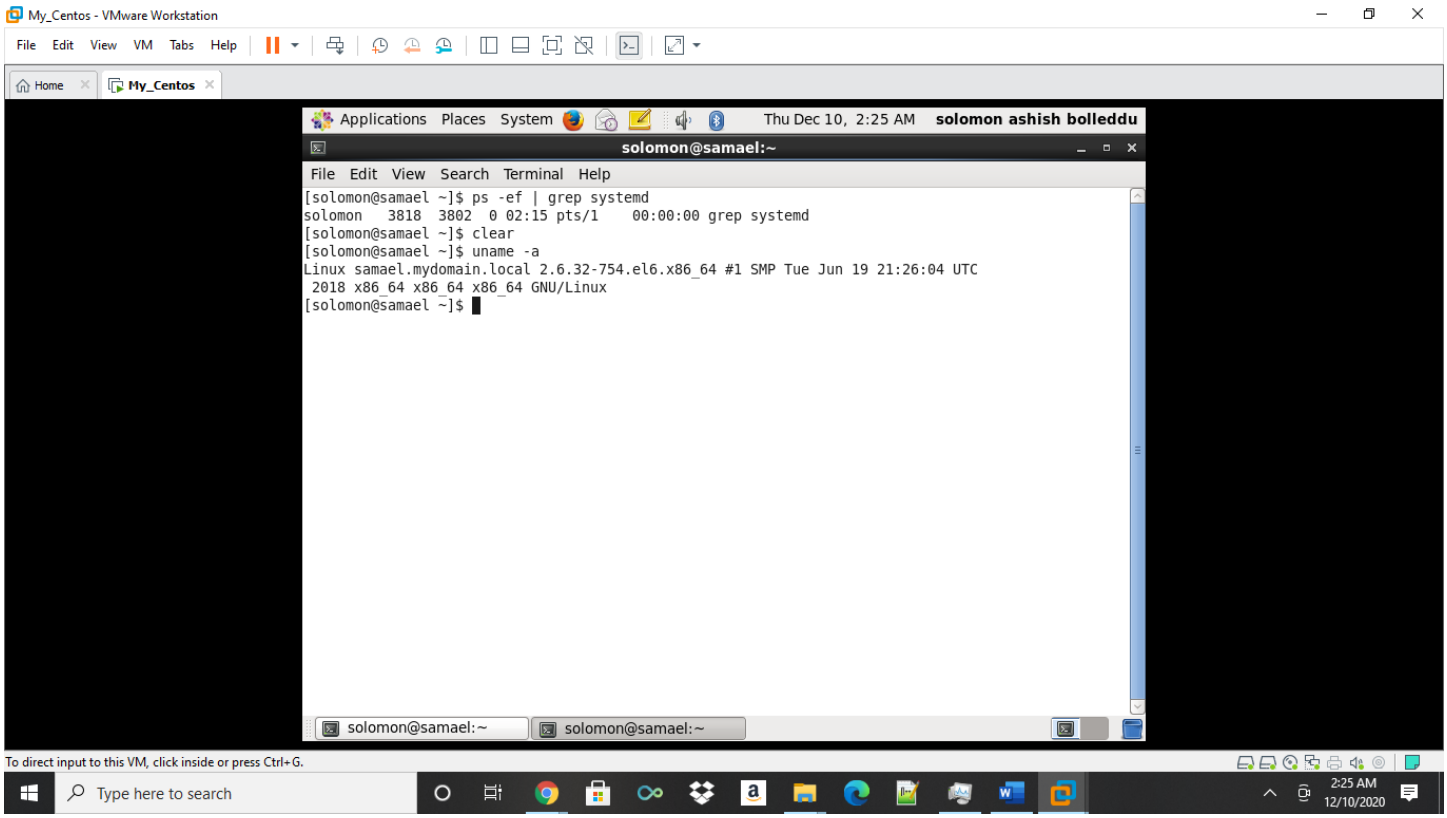
1. Use ps to search for the “systemd” process by name.

we use ps -ef | grep system.

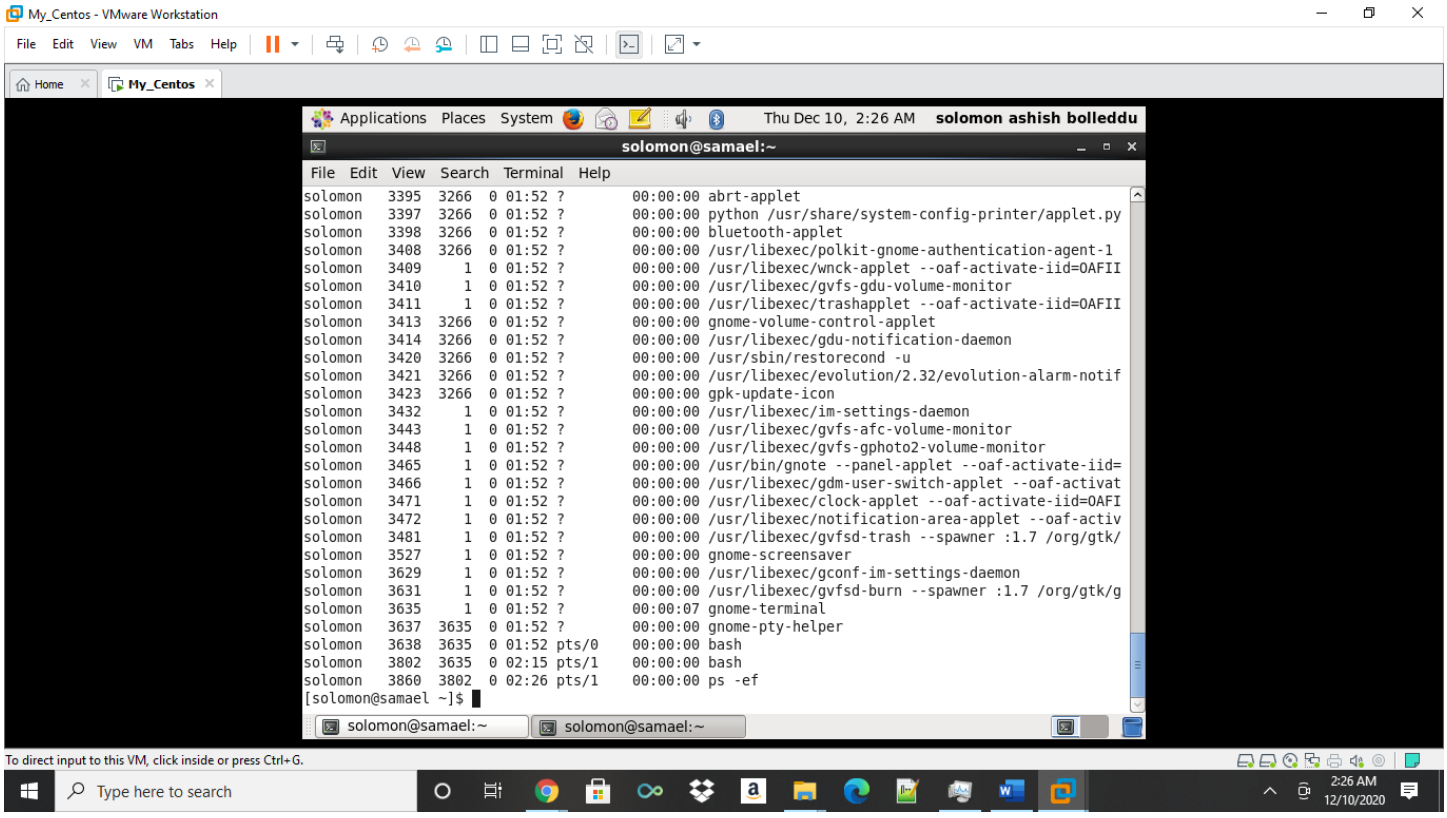


2. Find out your terminal name. Using your terminal name, use ps to find all processes associated with your terminal.

First we use uname -a

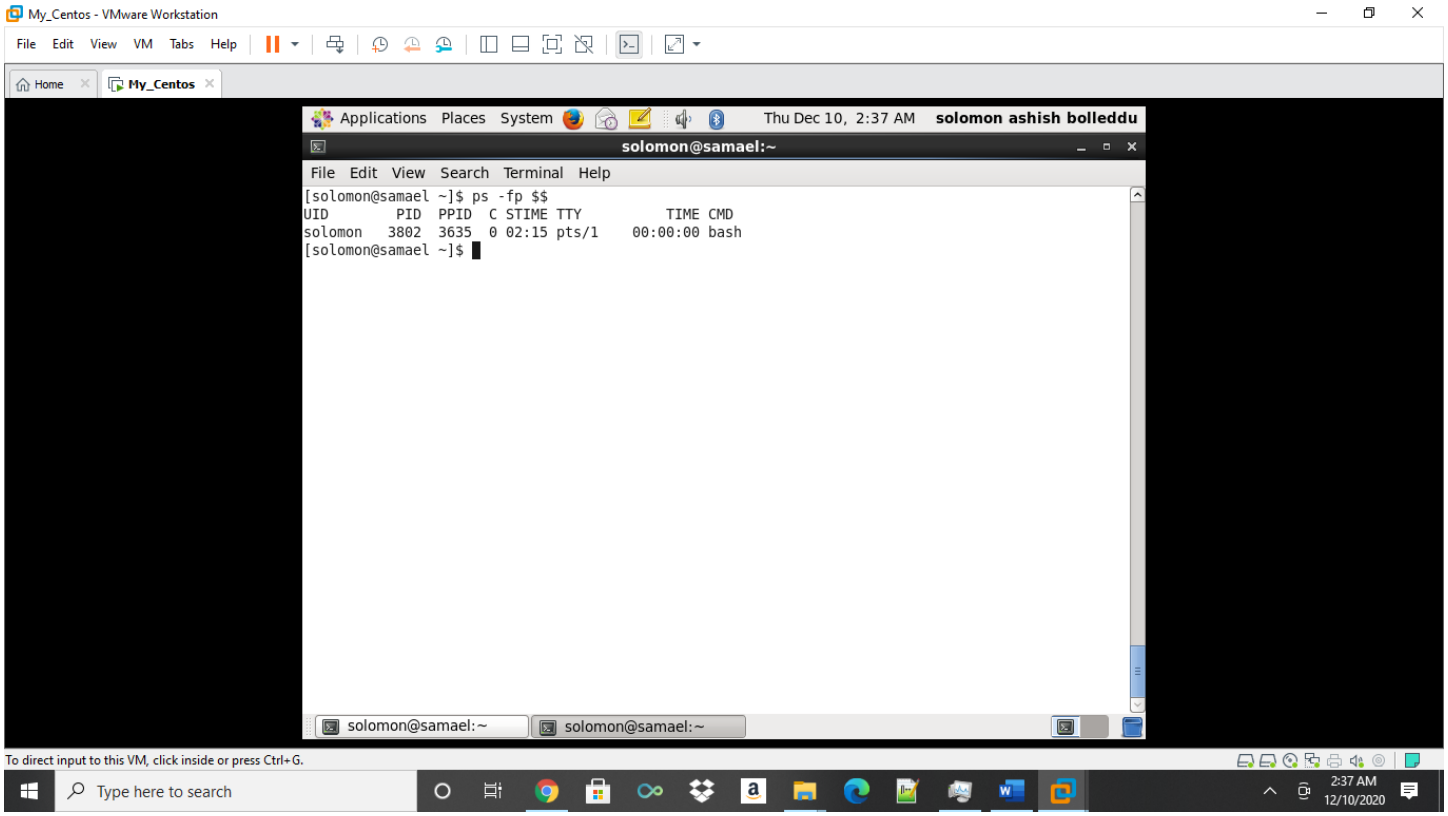


then we use ps -ef to get all the process.



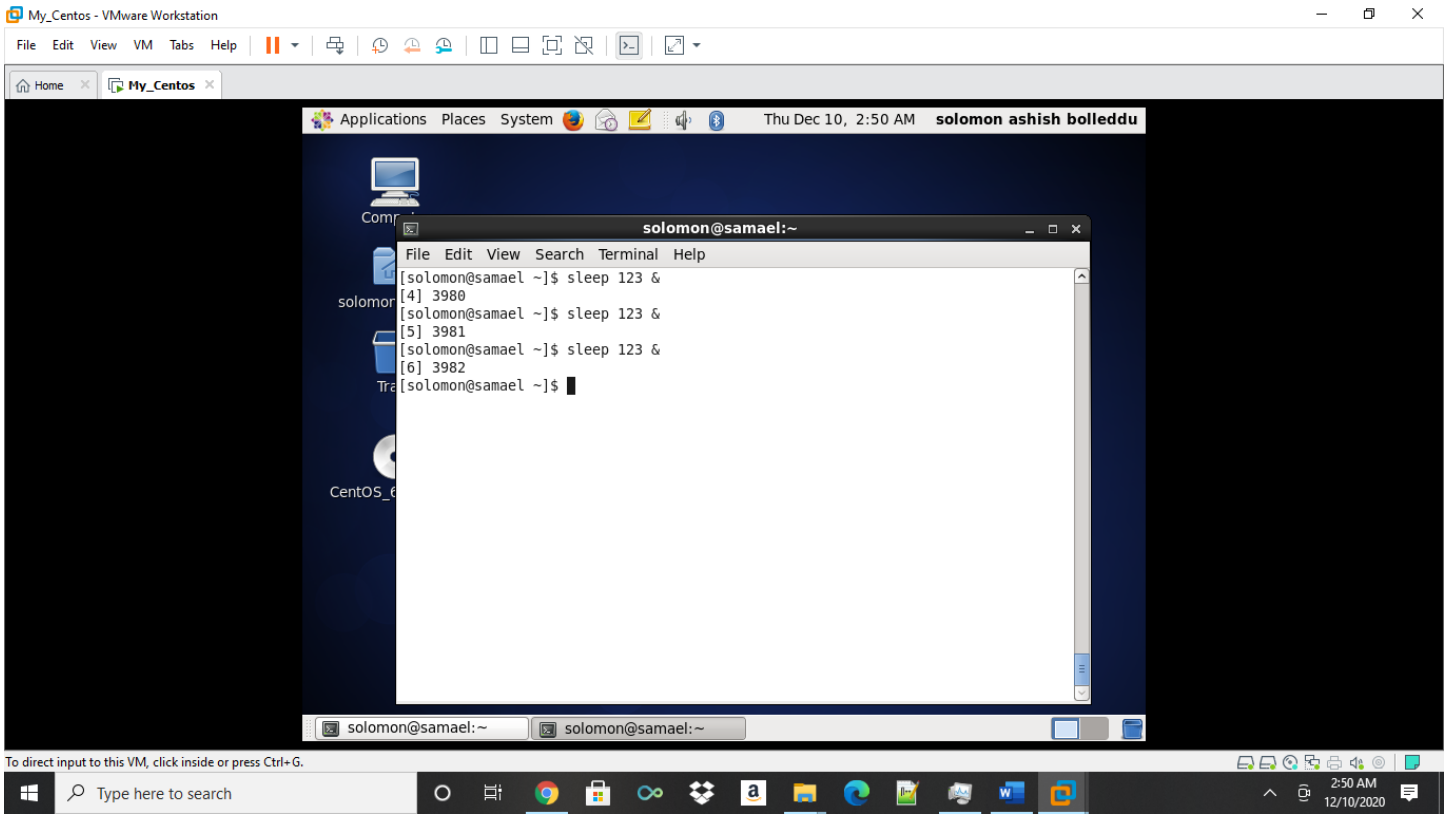
3. Check and note the process id of your shell(from the output of the above command).Also, note the parent process id of your shell.

We use the command ps -fp $$ to get the process id(PID) of the shell and also the parent process(PPID).



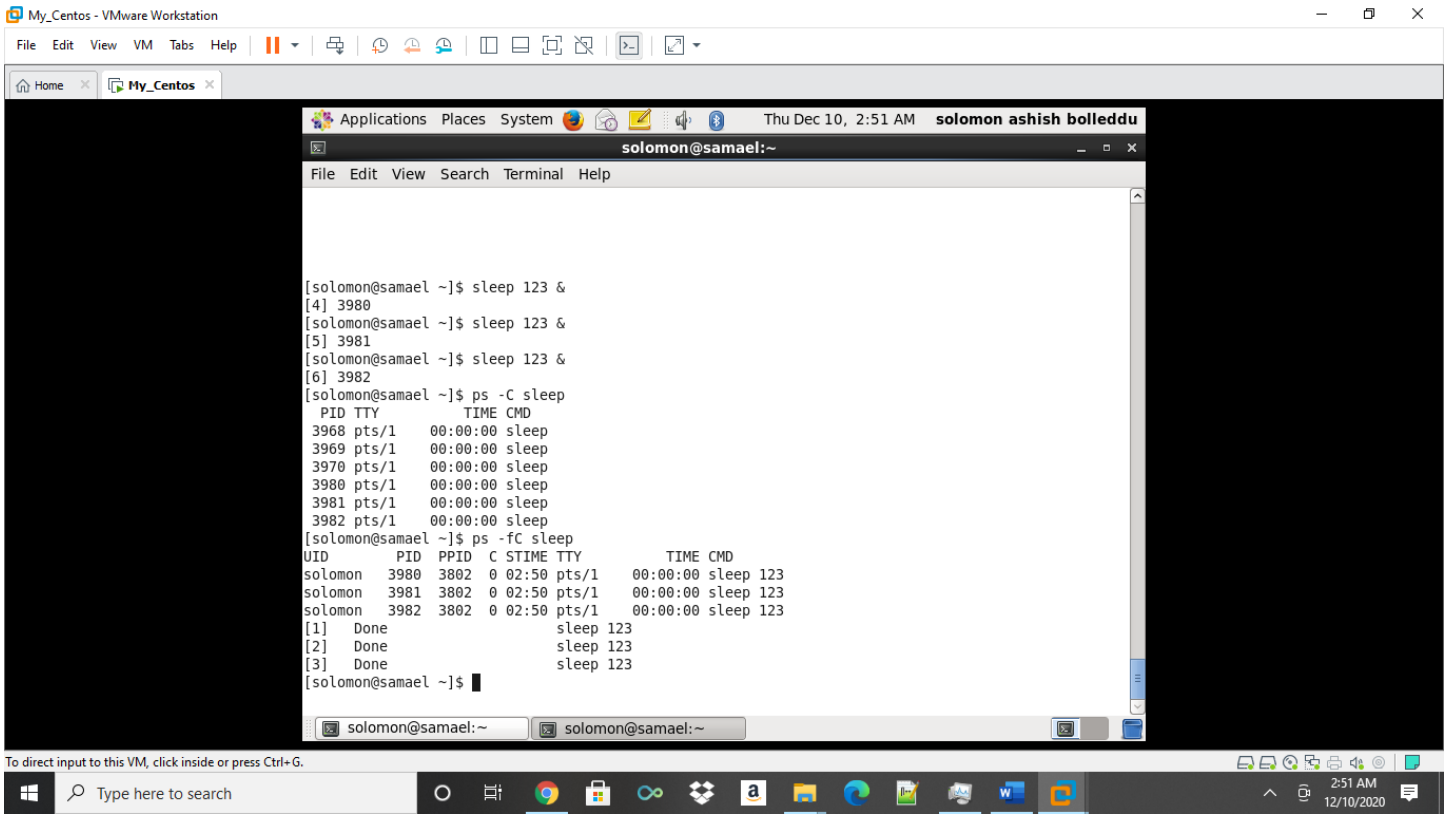
4. Start 3 instances of “sleep 123” as background processes.

We create 3 instances of “sleep 123” as the background processes by using the command sleep 123 & three times!!



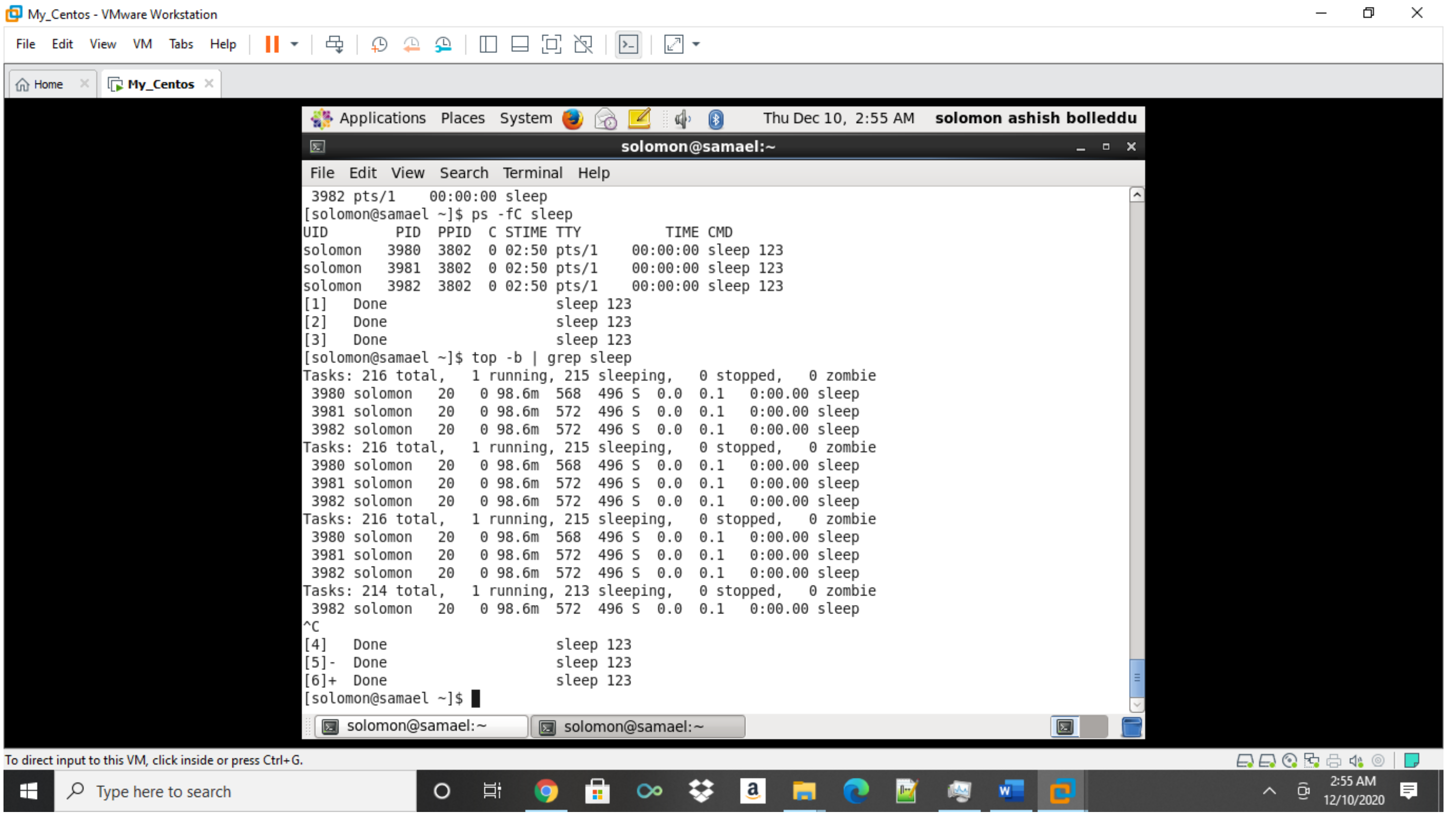
5. Check and note the process id's of all sleep processes.

To check the process id's we use the command ps -C sleep or ps -fC sleep.



6. Display only those three sleep processes in top. Then quit top.

We use top -b | grep sleep to get the three sleep processes in top and then we quit by pressing ctrl + C.


My_Centos - VMware Workstation
File Edit View VM Tabs Help
Home
My_Centos
Applications Places System
Thu Dec 10, 2:55 AM solomon ashish bolleddu
solomon@samael:~
File Edit View Search Terminal Help
 3982 pts/1   00:00:00 sleep
[solomon@samael ~]$ ps -fC sleep
UID   PID PPID C STIME TTY   TIME CMD
solomon   3980 3802 0 02:50 pts/1   00:00:00 sleep 123
solomon   3981 3802 0 02:50 pts/1   00:00:00 sleep 123
solomon   3982 3802 0 02:50 pts/1   00:00:00 sleep 123
[1]   Done   sleep 123
[2]   Done   sleep 123
[3]   Done   sleep 123
[solomon@samael ~]$ top -b | grep sleep
Tasks: 216 total,   1 running, 215 sleeping,   0 stopped,   0 zombie
 3980 solomon   20   0 98.6m 568 496 S 0.0 0.1   0:00.00 sleep
 3981 solomon   20   0 98.6m 572 496 S 0.0 0.1   0:00.00 sleep
 3982 solomon   20   0 98.6m 572 496 S 0.0 0.1   0:00.00 sleep
Tasks: 216 total,   1 running, 215 sleeping,   0 stopped,   0 zombie
 3980 solomon   20   0 98.6m 568 496 S 0.0 0.1   0:00.00 sleep
 3981 solomon   20   0 98.6m 572 496 S 0.0 0.1   0:00.00 sleep
 3982 solomon   20   0 98.6m 572 496 S 0.0 0.1   0:00.00 sleep
Tasks: 216 total,   1 running, 215 sleeping,   0 stopped,   0 zombie
 3980 solomon   20   0 98.6m 568 496 S 0.0 0.1   0:00.00 sleep
 3981 solomon   20   0 98.6m 572 496 S 0.0 0.1   0:00.00 sleep
 3982 solomon   20   0 98.6m 572 496 S 0.0 0.1   0:00.00 sleep
Tasks: 214 total,   1 running, 213 sleeping,   0 stopped,   0 zombie
 3982 solomon   20   0 98.6m 572 496 S 0.0 0.1   0:00.00 sleep
^C
[4]   Done   sleep 123
[5]- Done   sleep 123
[6]+ Done   sleep 123
[solomon@samael ~]$
solomon@samael:~
solomon@samael:~
To direct input to this VM, click inside or press Ctrl+G.
Type here to search
2:55 AM
12/10/2020