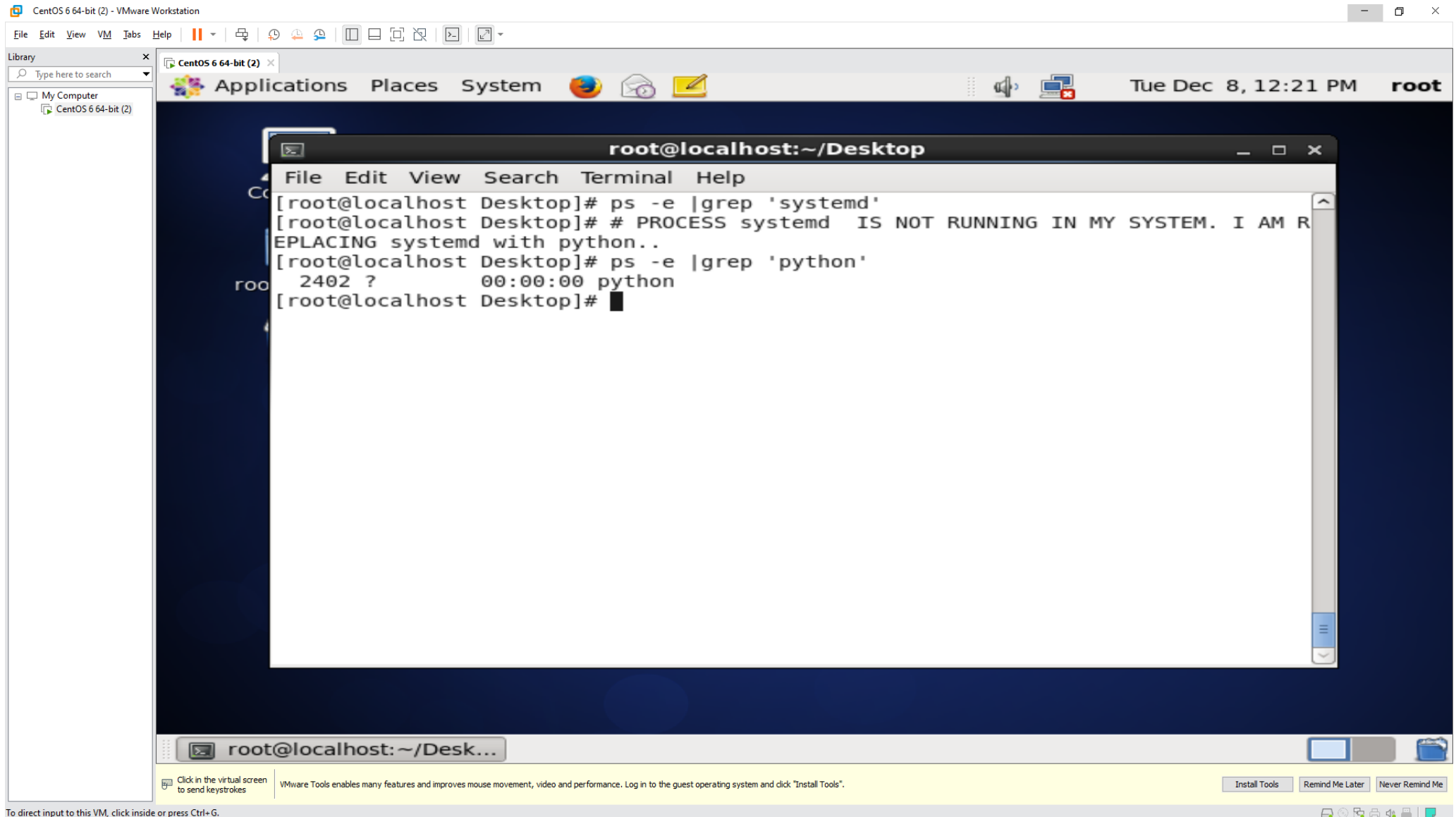


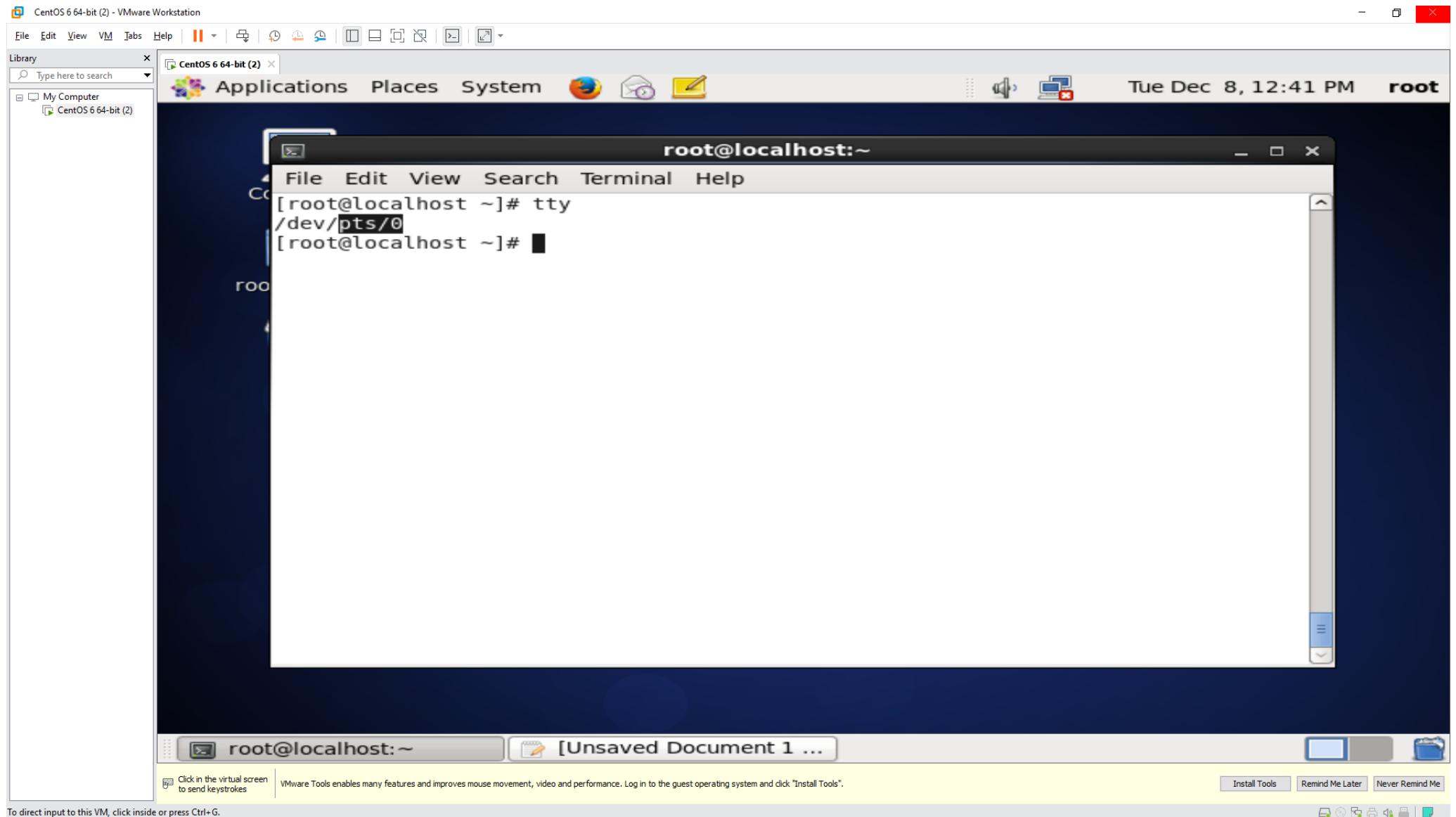
ASSIGNMENT 3RD

Q1) ANS- Using `ps -e | grep 'systemd'` command to search for the systemd process.

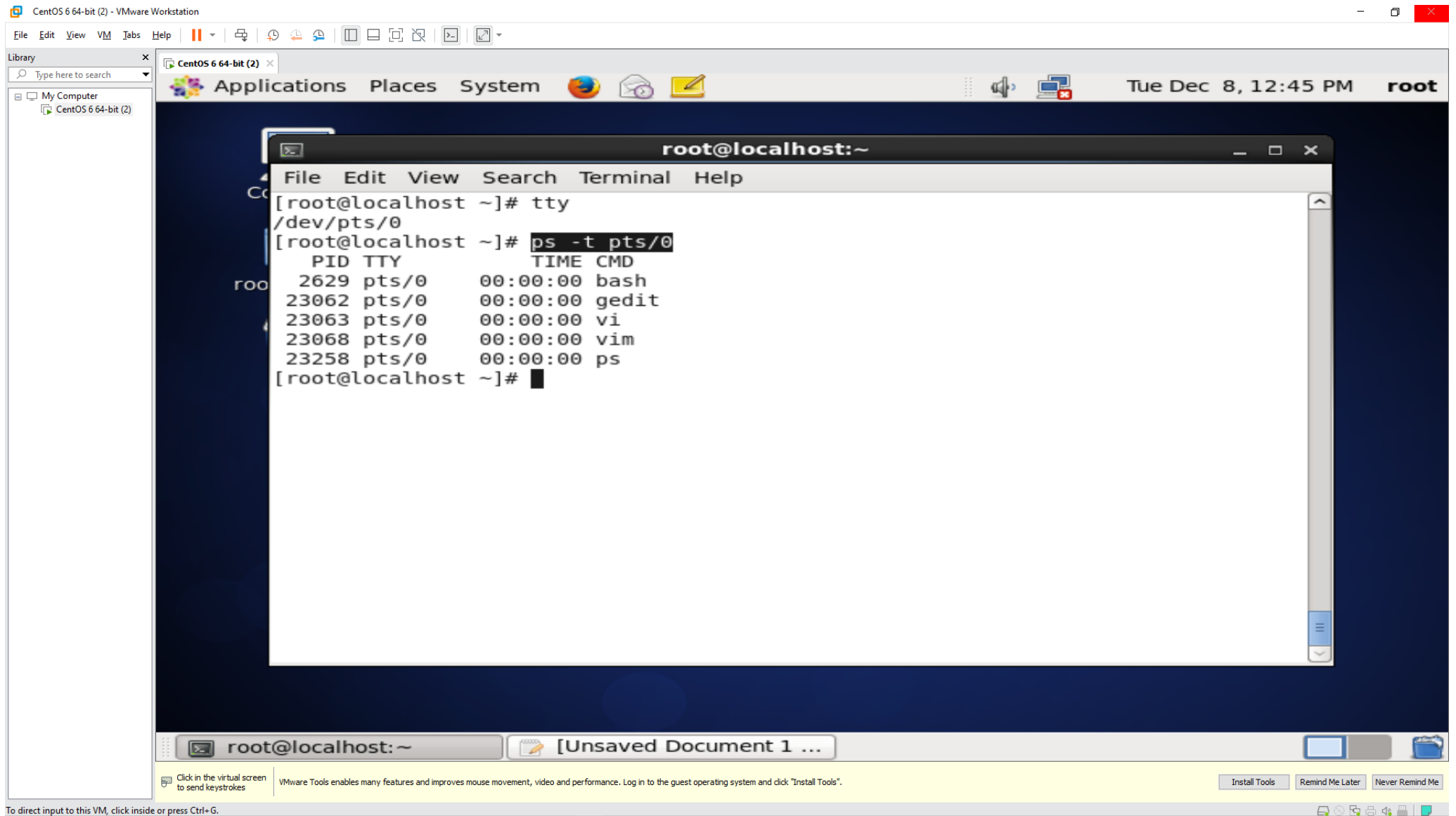


```
root@localhost: ~/Desktop
File Edit View Search Terminal Help
[root@localhost Desktop]# ps -e |grep 'systemd'
[root@localhost Desktop]# # PROCESS systemd IS NOT RUNNING IN MY SYSTEM. I AM REPLACING systemd with python..
[root@localhost Desktop]# ps -e |grep 'python'
 2402 ?          00:00:00 python
[root@localhost Desktop]#
```

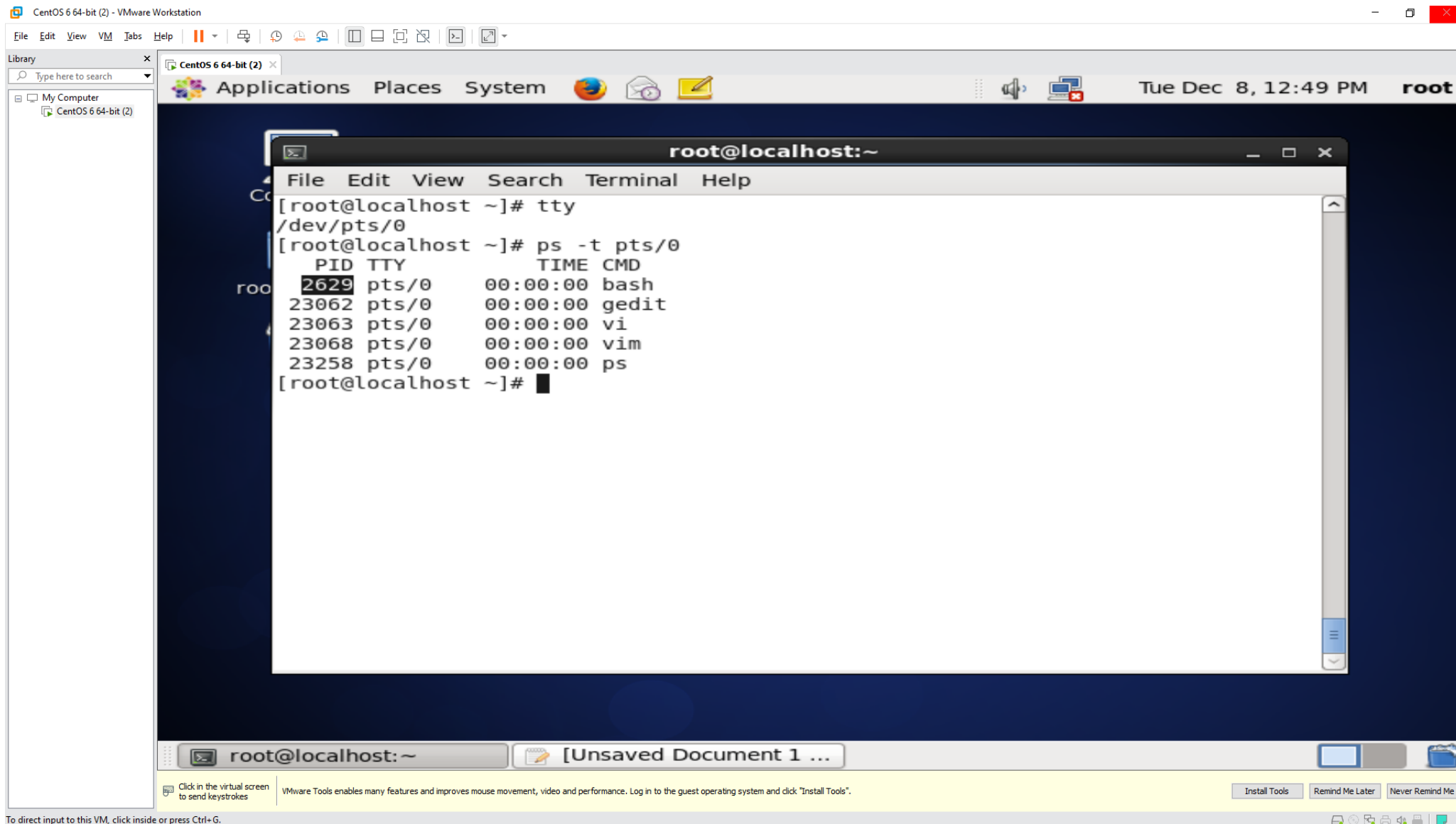
Q2)ANS-Using tty command to find the terminal name.



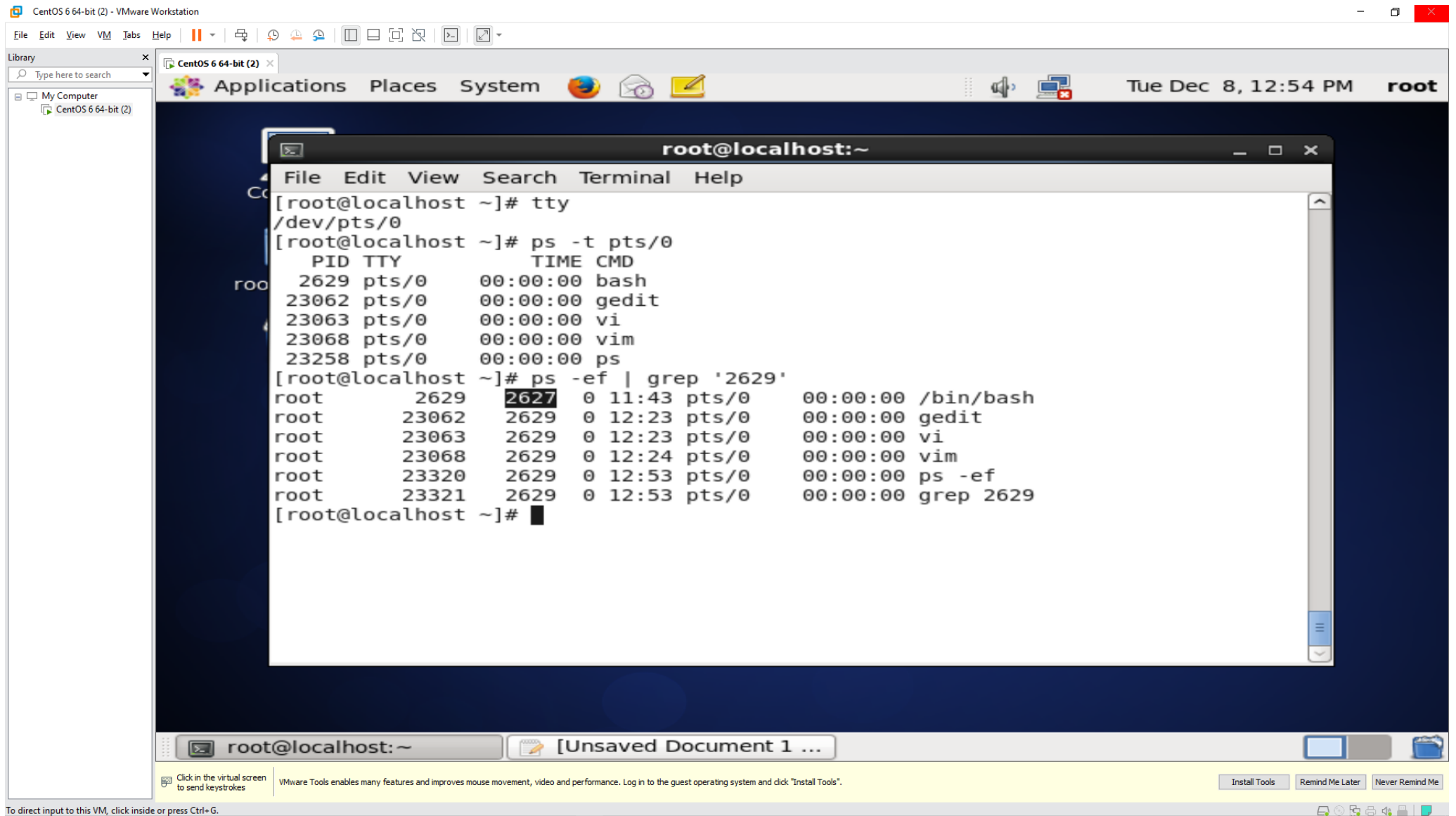
Using ps -t command to search all the process running from pts/0 terminal.



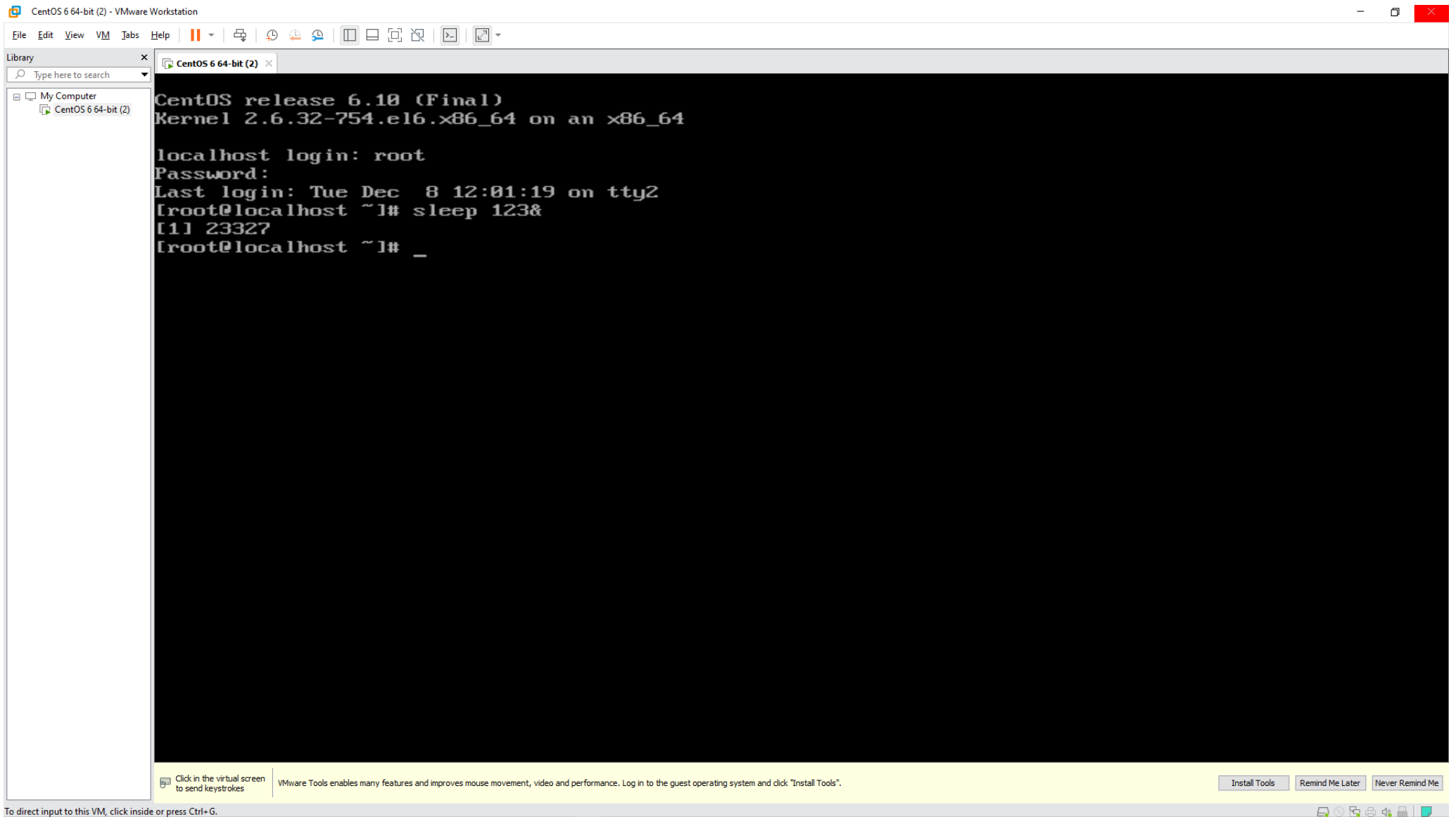
Q3)ANS-Noting the process id of the shell terminal from the previous command

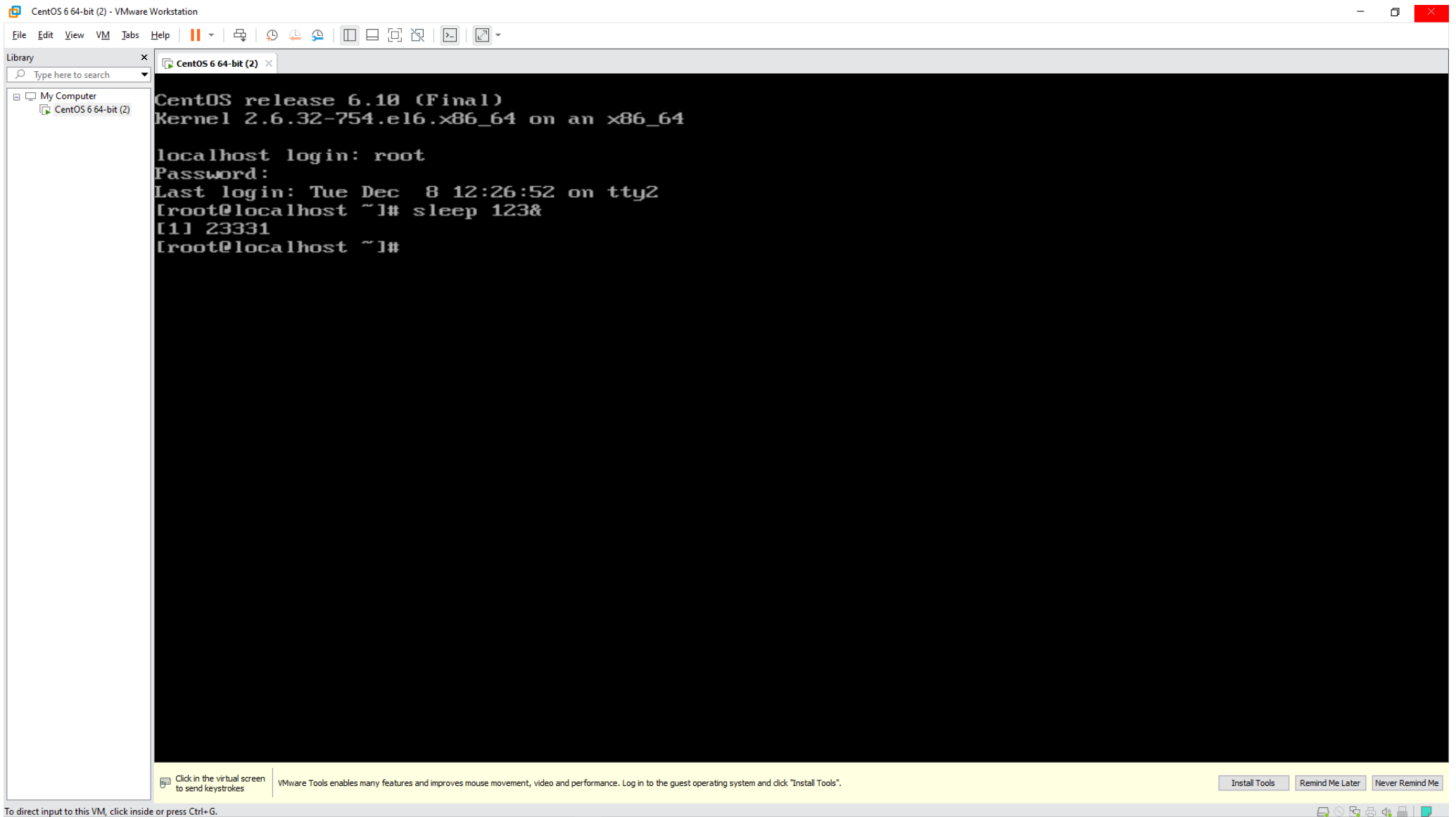


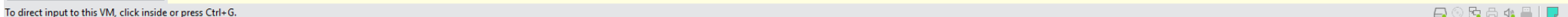
Using the `ps -ef | grep` command to get the parent id of the bash terminal



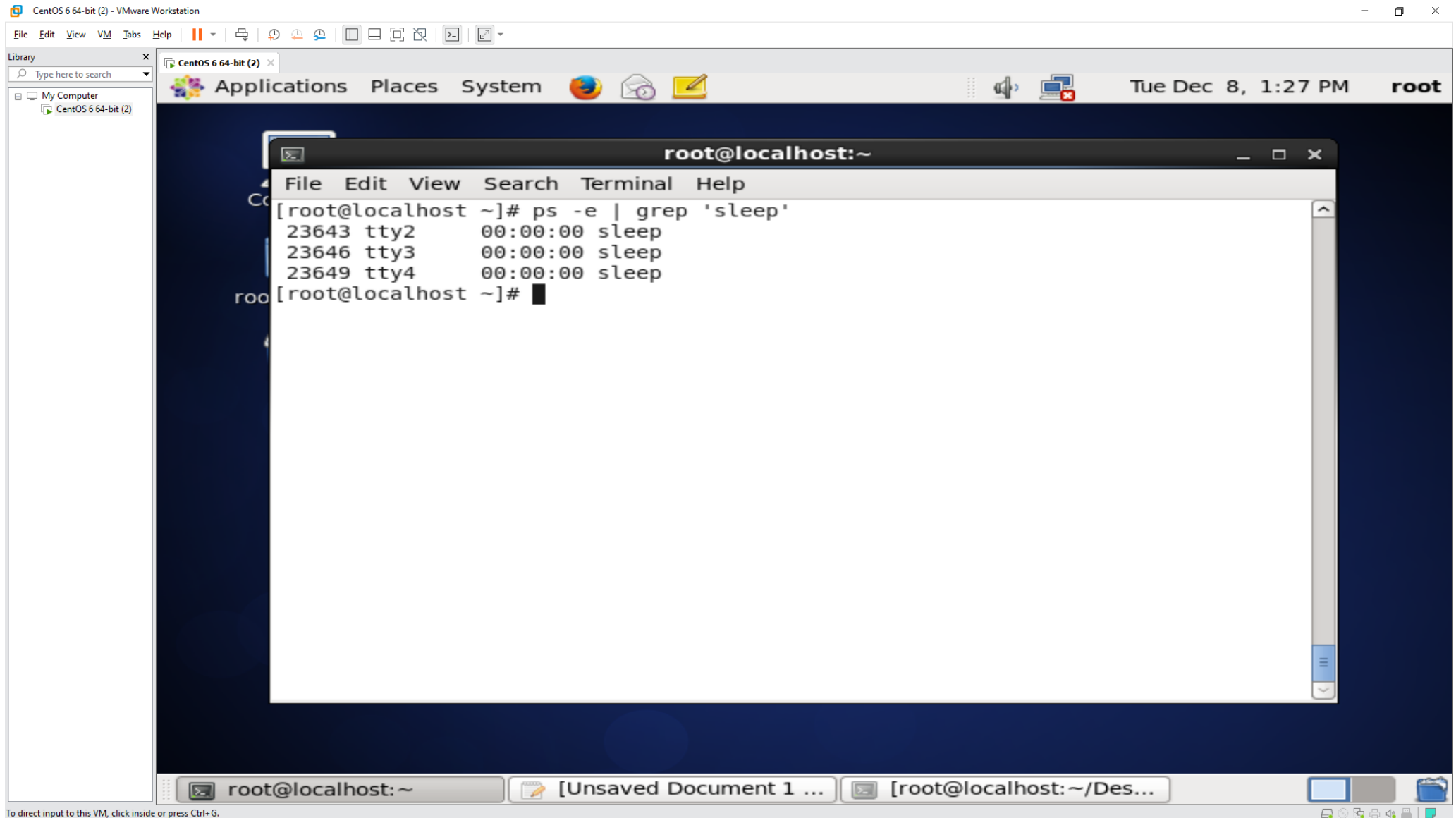
Q4)ANS-Using sleep 123 & command to start 3 instances of “sleep 123” as background processes.







Q5)ANS-Using the `ps -e |grep 'sleep'` command to check and note the process id's of all sleep processes.

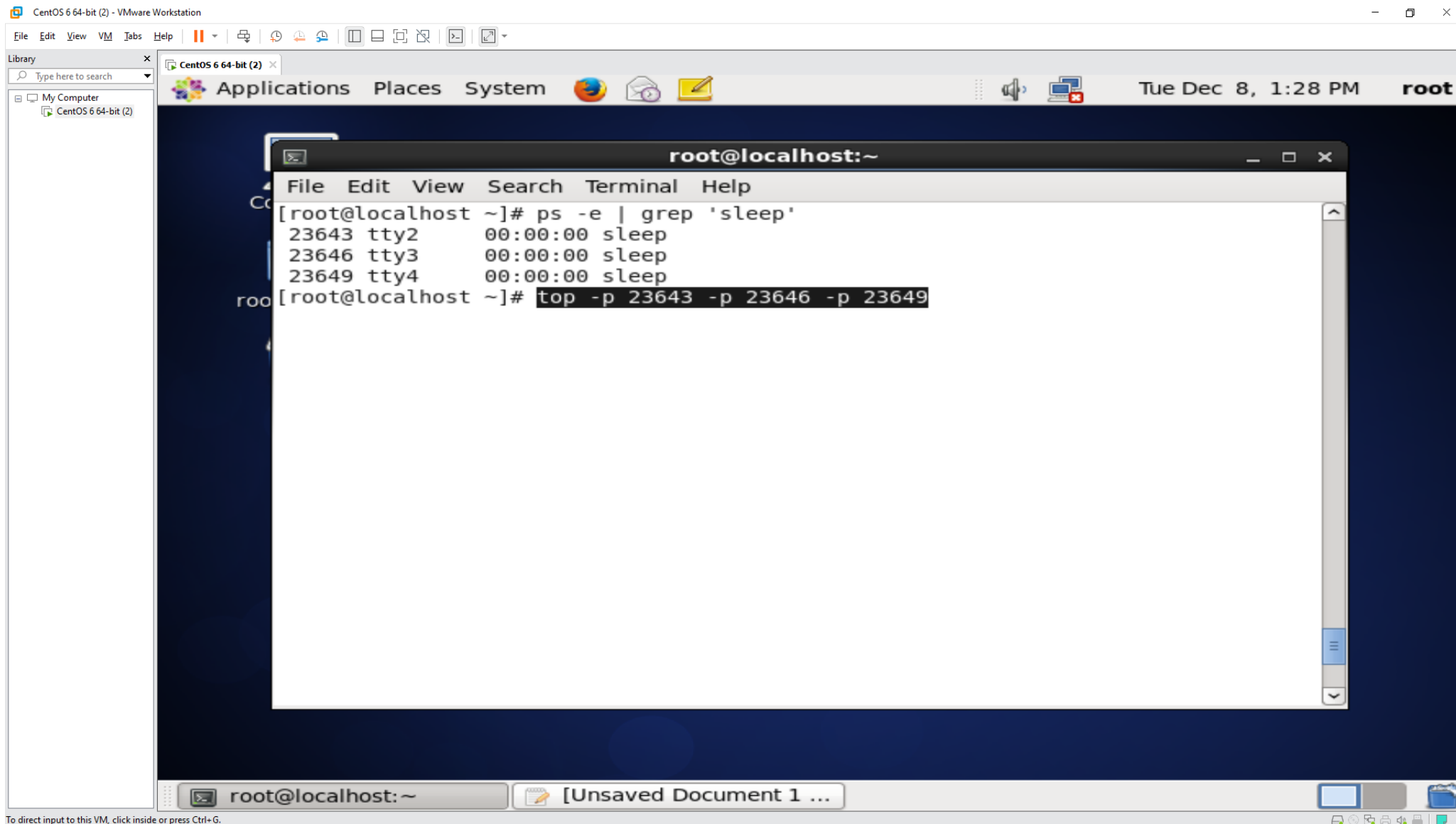


The screenshot shows a VMware Workstation interface with a CentOS 6 64-bit VM. A terminal window is open, displaying the command `ps -e | grep 'sleep'` and its output:

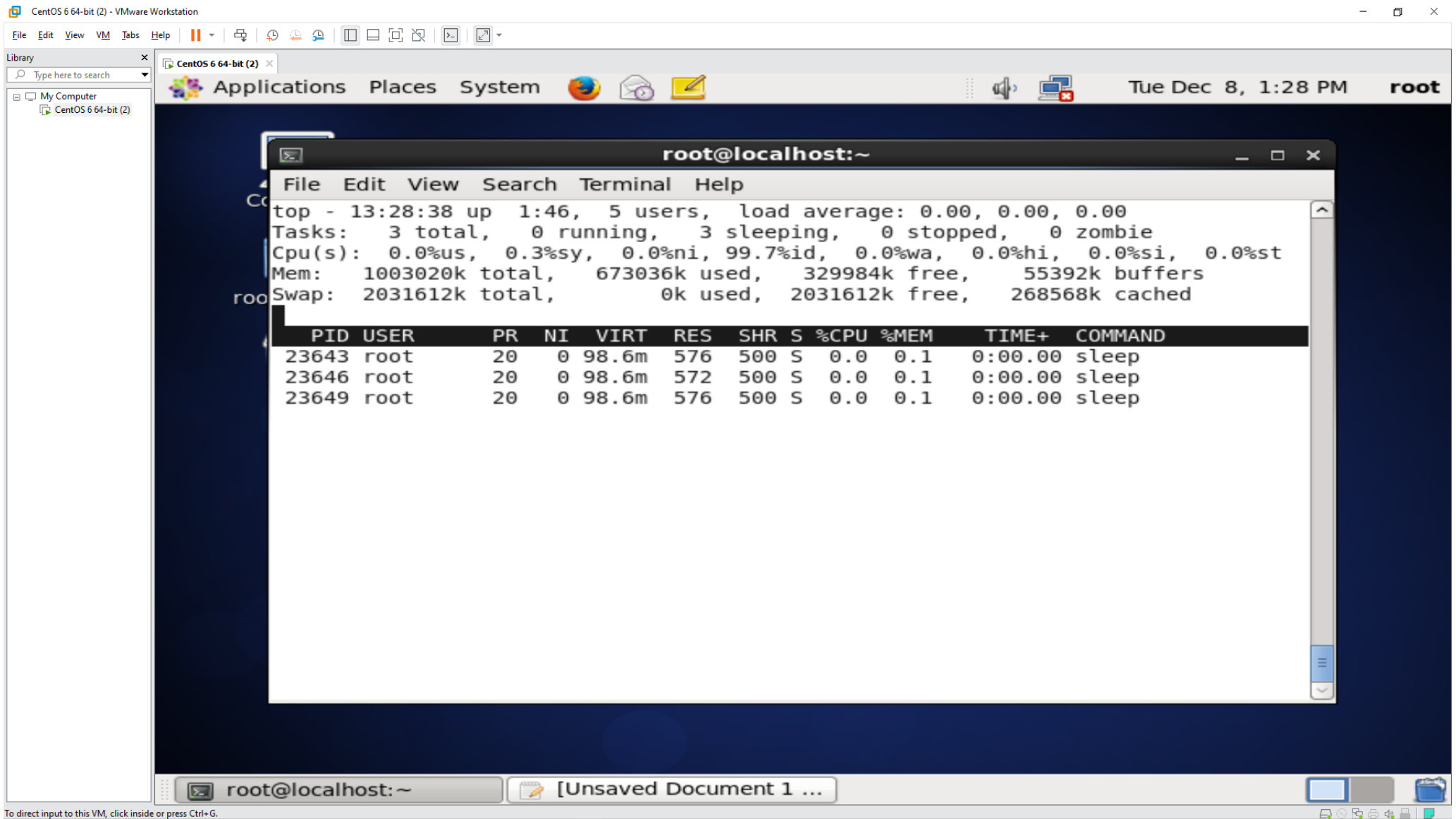
```
[root@localhost ~]# ps -e | grep 'sleep'
23643 tty2 00:00:00 sleep
23646 tty3 00:00:00 sleep
23649 tty4 00:00:00 sleep
[root@localhost ~]#
```

The terminal window also shows the command `root@localhost:~` at the bottom. The VMware Workstation window title is "CentOS 6 64-bit (2) - VMware Workstation". The VMware Workstation window also shows a "Library" pane on the left with "My Computer" and "CentOS 6 64-bit (2)". The VMware Workstation window also shows a "Taskbar" at the bottom with "root@localhost:~", "[Unsaved Document 1 ...]", and "[root@localhost: ~/Des...".

Q6)ANS-Using `top -p 23643 -p 23646 -p 23649` command to display all the sleep processes in top.



Output of top -p 23643 -p 23646 -p 23649 command



Quitting the Top by pressing q

CentOS 6 64-bit (2) - VMware Workstation

File Edit View VM Tabs Help

Library

Type here to search

My Computer

CentOS 6 64-bit (2)

Applications Places System

Tue Dec 8, 1:28 PM root

root@localhost:~

File Edit View Search Terminal Help

Tasks: 3 total, 0 running, 3 sleeping, 0 stopped, 0 zombie
Cpu(s): 0.0%us, 0.3%sy, 0.0%ni, 99.7%id, 0.0%wa, 0.0%hi, 0.0%si, 0.0%st
Mem: 1003020k total, 673036k used, 329984k free, 55392k buffers
Swap: 2031612k total, 0k used, 2031612k free, 268568k cached

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
23643	root	20	0	98.6m	576	500	S	0.0	0.1	0:00.00	sleep
23646	root	20	0	98.6m	572	500	S	0.0	0.1	0:00.00	sleep
23649	root	20	0	98.6m	576	500	S	0.0	0.1	0:00.00	sleep

[root@localhost ~]#

root@localhost:~ [Unsaved Document 1 ...]

To direct input to this VM, click inside or press Ctrl+G.