Lab Sheet – 1

iv. a)

```
Q
          F
                                        pro@pro-VirtualBox: ~
                                                                                  pro@pro-VirtualBox:~$ date
        Fri Jun 10 01:27:09 AM EDT 2022
        pro@pro-VirtualBox:~$
b)
        pro@pro-VirtualBox:~$ who
        рго
                              2022-06-10 01:24 (tty2)
                 tty2
        pro@pro-VirtualBox:~$
c)
        pro@pro-VirtualBox:~$ echo $TERM
        xterm-256color
        pro@pro-VirtualBox:~$
```

d)

e), f) and g)

```
pro@pro-VirtualBox:-$ PS1="May I help you?"
May I help you?PS1=$
$cal

June 2022
Su Mo Tu We Th Fr Sa

1 2 3 4

2 5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30
```

h), i) "exit" command closes the terminal



v. a)

```
pro@pro-VirtualBox:~$ cal 2020
                           2020
                           February
      January
                                                  March
Su Mo Tu We Th Fr Sa
                     Su Mo Tu We Th Fr Sa
                                           Su Mo Tu We Th Fr Sa
                                                          6
            9 10 11
                              5
                                            8 9 10 11 12 13 14
  6
         8
                      2 3 4
                                 6
                                        8
12 13 14 15 16 17 18
                     9 10 11 12 13 14 15
                                           15 16 17 18 19 20 21
19 20 21 22 23 24 25 16 17 18 19 20 21 22
                                          22 23 24 25 26 27 28
26 27 28 29 30 31
                     23 24 25 26 27 28 29
                                           29 30 31
      April
                             May
                                                   June
Su Mo Tu We Th Fr Sa
                     Su Mo Tu We Th Fr Sa
                                           Su Mo Tu We Th Fr Sa
               3 4
                                     1
         1
            2
                                        2
            9
         8
              10 11
                                        9
                                                  9
                                                    10 11 12 13
   6
                              6
                                     8
                                               8
12 13 14 15 16 17 18
                     10 11 12 13 14 15 16
                                           14 15 16 17 18 19 20
19 20 21 22 23 24 25
                     17 18 19 20 21 22 23
                                           21 22 23 24 25 26 27
26 27 28 29 30
                     24 25 26 27 28 29 30
                                          28 29 30
                     31
```

```
July
                         August
                                           September
Su Mo Tu We Th Fr Sa
                   Su Mo Tu We Th Fr Sa
                                      Su Mo Tu We Th Fr Sa
          2 3 4
                                            1 2 3 4 5
          9 10 11
                    2 3 4 5 6 7 8
                                            8 9 10 11 12
5 6
       8
                                       6 7
12 13 14 15 16 17 18
                   9 10 11 12 13 14 15 13 14 15 16 17 18 19
26 27 28 29 30 31
                   23 24 25 26 27 28 29 27 28 29 30
                   30 31
     October 0
                        November
                                            December
Su Mo Tu We Th Fr Sa
                   Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
           1 2 3
8 9 10
                      9 10 11 12 13 14
                                               9 10 11 12
4
   5 6
          8
                    8
                                       6
                                            8
                   15 16 17 18 19 20 21
11 12 13 14 15 16 17
                                      13 14 15 16 17 18 19
18 19 20 21 22 23 24 22 23 24 25 26 27 28 20 21 22 23 24 25 26
25 26 27 28 29 30 31 29 30
                                      27 28 29 30 31
pro@pro-VirtualBox:~$
```

b)

c)

```
pro@pro-VirtualBox:~$ ls /usr
bin include lib32 libexec local share
games lib lib64 libx32 sbin src
pro@pro-VirtualBox:~$
```

d)

```
pro@pro-VirtualBox:~$ cd Video
bash: cd: Video: No such file or directory
pro@pro-VirtualBox:~$ cd Videos
pro@pro-VirtualBox:~/Videos$ echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/bin:/usr/games:/usr/lo
cal/games:/snap/bin
pro@pro-VirtualBox:~/Videos$
```

e)

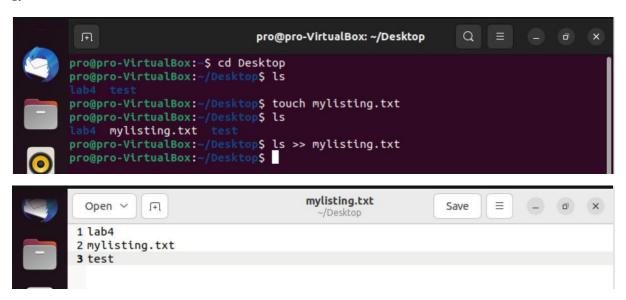
```
pro@pro-VirtualBox:~/Videos$ cd /usr
pro@pro-VirtualBox:/usr$ echo $PATH
    /usr/local/sbin:/usr/local/bin:/usr/sbin:/sbin:/sbin:/usr/games:/usr/local/games:/snap/bin
pro@pro-VirtualBox:/usr$
```

f)



Lab Sheet - 2

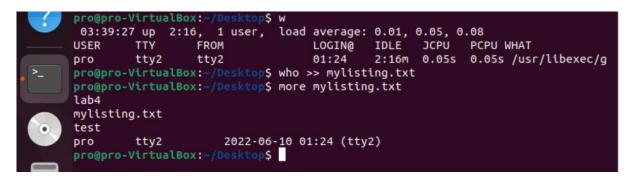
i.



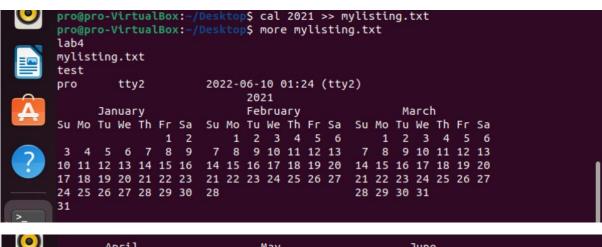
ii.

```
pro@pro-VirtualBox:~/Desktop$ more mylisting.txt
lab4
mylisting.txt
test
pro@pro-VirtualBox:~/Desktop$
```

iii.



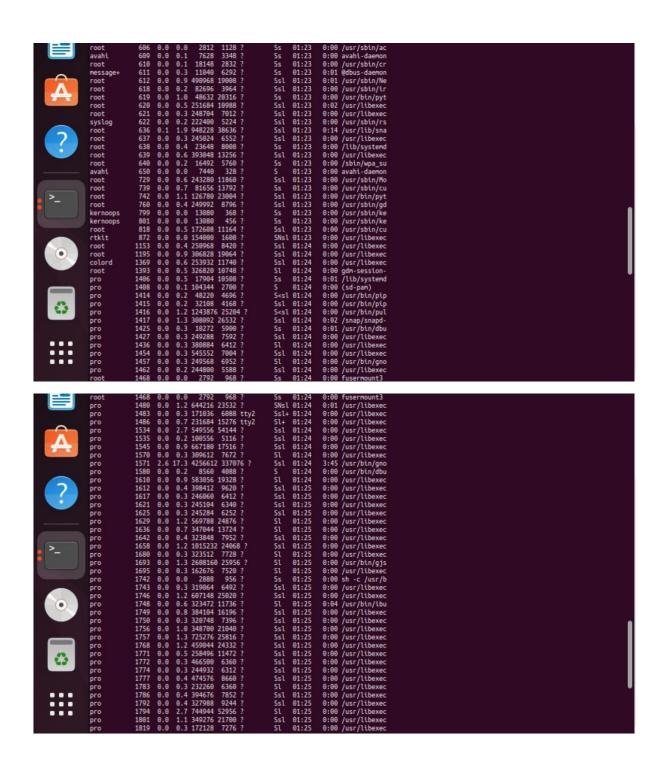
iv.



•			A	ortl	l					- 1	Чау							June	2			
	Su	Мо	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	FΓ	Sa	Su	Mo	Tu	We	Th	FΓ	Sa	
					1	2	3							1			1	2	3	4	5	
==	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	
	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	
	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	
	25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30				
4								30	31													
				July							ugu:							temb				
	Su	Мо	Tu	We	Th	FΓ	Sa	Su	Mo	Tu	We	Th	FΓ	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
					1	2	3	1	2	3	4	5	6	7				1	2	3	4	
	4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11	
	11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18	
	18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25	
>_	25	26	27	28	29	30	31	29	30	31					26	27	28	29	30			



	protepro-V	irtualBox:	-/Deskt	op\$ ps a	UX						
	USER		PU KMEM	VSZ	RSS T			START		COMMAND	
	root		.0 0.6		12968 ?		Ss S	01:22 01:22		/sbin/init s	
	root		.0 0.0 .0 0.0	9	0 ?		3 I<	01:22	0:00	[kthreadd] [rcu_gp]	
4	root		.0 0.0	0	0 ?		I<	01:22	0:00	[rcu_par_gp]	
	root		.0 0.0	0	0 ?		I<	01:22	0:00	[netns]	
	root		.0 0.0		0 ?		I<	01:22	0:00	[kworker/0:0	
	root	10 0 11 0	.0 0.0 .0 0.0	0	0 ?		I< 5	01:22 01:22	0:00	[mm_percpu_w [rcu_tasks_r	
	root		.0 0.0		0 ?		Š	01:22	0:00	rcu tasks t	
	root	13 0	.0 0.0	0	0 ?		S	01:22	0:00	[rcu_tasks_t [ksoftirqd/0	
	root		.0 0.0		0 ?		I	01:22		[rcu_sched]	•
	root	15 0 16 0	.0 0.0 .0 0.0	0	0 ?		S S	01:22 01:22	0:00	[migration/0	
-	root	17 0	.0 0.0		8 7		5	01:22	0:00	[idle_inject [cpuhp/0]	
	root	18 0	.0 0.0 .0 0.0	Ö	0 ?		ś	01:22	0:00	[cpuhp/1]	
• >_	root	19 0	.0 0.0		0 ?		S	01:22	0:00	[idle_inject	
<u> </u>	root	20 0	.0 0.0	0	0 ?		S S	01:22	0:00	[migration/1	
	root	21 0 23 0	.0 0.0 .0 0.0	0	0 ?		5 I<	01:22 01:22	0:00	[ksoftirqd/1 [kworker/1:0	
	root	24 0	.0 0.0		0 ?		s	01:22	0:00	[kdevtmpfs]	
	root	25 0	.0 0.0	0	0 ?		I<	01:22	0:00	[inet_frag_w	
	root	26 0	.0 0.0		0 ?		S	01:22	0:00	[kauditd]	
	root	27 0 28 0	0.0	0	0 ?		S S	01:22 01:22	0:00	[khungtaskd]	
	root	29 0	.0 0.0 .0 0.0		0 ?		3 [<	01:22	0:00	[oom_reaper] [writeback]	
	root	30 0	.0 0.0	Θ	0 ?		S	01:22	0:00	[kcompactd0]	
	root	31 0	.0 0.0		0 ?		SN	01:22	0:00	[ksmd]	
	root	32 0	.0 0.0	0	0 ?		SN I<	01:22	0:00	[khugepaged]	
23	root		.0 0.0 .0 0.0		0 ?		I<	01:22 01:22	0:00	[kintegrityd [kblockd]	
	root	81 0	.0 0.0	Ö	0 ?		I<	01:22	0:00	[blkcg_punt_	
	root	82 0	.0 0.0		0 ?		I<	01:22	0:00	[tpm_dev_wq]	
100 (100 (100 (100 (100 (100 (100 (100	root	83 0	.0 0.0	Θ	0 ?		I<	01:22	0:00	[ata_sff]	
• • • • •	root	84 0 85 0	.0 0.0 .0 0.0	0	0 ?		I< I<	01:22 01:22	0:00	[md] [edac-poller	
	root		.0 0.0		0 ?		I<	01:22	0:00	[devfreq_wq]	
	root	87 0	.0 0.0	0	0 ?		S	01:22	0:00	[watchdogd]	
	root	89 0	.0 0.0	0	0 ?	1	I<	01:22	0:00	[kworker/0:1	
	root	91 0		Θ	0 ?	2	5	01:22	0:00	[kswapd0]	
	root	92 0	0.0		0 ?	5	5	01:22	0:00	[ecryptfs-kt	
	root	92 0 94 0	0.0	9	0 ? 0 ?	2	S I <	01:22 01:22	0:00	[ecryptfs-kt [kthrotld]	
	root	92 0 94 0 95 0	0.0 0.0 0.0	0 0 0	0 ? 0 ? 0 ?	1	5	01:22 01:22 01:22	0:00	[ecryptfs-kt [kthrotld]	
Â	root root root root	92 0 94 0 95 0 97 0 98 0	0.0 0.0 0.0 0.0 0.0	0 0 0	0 ? 0 ? 0 ? 0 ?	9 1 1 1	S I < I < S I <	01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0]	
Â	root root root root root	92 0 94 0 95 0 97 0 98 0 99 0	0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0	0 ? 0 ? 0 ? 0 ? 0 ?	1 1 2	S I < I < S I <	01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0] [scsi_eh_1]	
Â	root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0	0 ? 0 ? 0 ? 0 ? 0 ?		S I < I < S I < S	01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0] [scsi_eh_1]	
Â	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 102 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9 9 9 9 9 9 9 9	0 ? 0 ? 0 ? 0 ? 0 ? 0 ?	9 9 9	S I < I < S I < S I <	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0] [scsi_eh_1] [scsi_tmf_1] [vfio-irqfd-	
Â	root root root root root root	92 0. 94 0. 95 0. 97 0. 98 0. 99 0. 100 0. 102 0. 103 0.	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	9 9 9 9 9 9 9 9 9 9	0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ?		S I < I < S I < S	01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0] [scsi_eh_1]	
Â ?	root root root root root root root root	92 0. 94 0 95 0 97 0 98 0 99 0 100 0 102 0 103 0 104 0 115 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0	0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ?	9	S I < I < S I < I < I < I < I <	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0] [scsi_eh_1] [scsi_tmf_1] [vfio-irqfd- [mld] [tpv6_addrco [kstrp]	
A	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 103 0 104 0 115 0	.0 0.0 .0 0.0	000000000000000000000000000000000000000	0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ?	5 5 5 1 1 1	S I < I < S I < I < I < I < I < I <	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_thf_0] [scsi_thf_1] [scsi_thf_1] [vfio-irqfd- [mld] [ipv6_addrco [kstrp] [zswap-shrin	
Â ?	root root root root root root root root	92 0. 94 0 95 0 97 0. 98 0 99 0 100 0 102 0. 103 0 115 0. 118 0	0 0.0 0 0.0	000000000000000000000000000000000000000	9 ? 9 ? 9 ?	5 5 7 7 7 7	S I < I < S I < I < I < I < I < I <	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	9:99 9:99 9:99 9:99 9:99 9:99 9:99 9:9	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0] [scsi_tmf_1] [scsi_tmf_1] [vfto-irqfd- [mld] [ipv6_addrco [kstrp] [zswap-shrin [kworker/u5:	
?	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 103 0 104 0 115 0	.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ?	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	S I < I < S I < I < I < I < I < I < I <	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_thf_0] [scsi_thf_1] [scsi_thf_1] [vfio-irqfd- [mld] [ipv6_addrco [kstrp] [zswap-shrin	
A?	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 102 0 104 0 118 0 119 0 124 0 148 0	.0 0.0 0.0 0.0	000000000000000000000000000000000000000	9 ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?		S I < I < S I < I < I < I < I < I < I < S	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs.kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_tmf_0] [scsi_tmf_1] [scsi_tmf_1] [vfto-irqfd- [mld] [ipv6_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/i1: [scsi_eh_2]	
?	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 102 0 103 0 115 0 118 0 119 0 124 0 148 0 165 0	.0 0.0 0.0 0.0	000000000000000000000000000000000000000	0 ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?		5 	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	9:00 9:00 9:00 9:00 9:00 9:00 9:00 9:00	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_eh_1] [scsi_tmf-1] [yfto-irqfd- [mld] [ipvf_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/1:1 [scsi_eh_2] [scsi_tmf_2]	
?	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 100 0 103 0 104 0 118 0 119 0 148 0 164 0 164 0 189 0	.0 0.00 0.00 0.00	000000000000000000000000000000000000000	0 ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ? ?		S I < I < I < I < I < I < I < I < I < I <	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_eh_1] [scsi_tmf_0] [jcsi_tmf_1] [vfto-trqfd- [nld] [ipv6_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/i:1 [scsi_eh_2] [scsi_eh_2] [scsi_emf_2]	
?	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 103 0 104 0 115 0 118 0 148 0 164 0 189 0 190 0	.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ?		S I « I « I « I « I « I « I « I «	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrottd] [acpi_therma [scsi_eh_0] [scsi_thf.0] [scsi_thf.1] [scsi_thf.1] [vfio-irqfd- [mld] [ipv6_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/1:1 [scsi_thf.2] [jbd2/sda3-8 [ext4-rsv-co (lib/systemd	
?	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 101 0 115 0 118 0 124 0 148 0 165 0 189 0 230 0 257 0	.0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ?	5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	S I « I « I « I « I « I « I « I «	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_eh_1] [scsi_tmf_1] [yfto-trqfd- [nld] [yfto-trqfd- [nld] [xys_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/i1: [scsi_eh_2] [scsi_tmf_2] [jdd2/sdas. [sxt4-rsv-co [vlib/systend [tpmi-msghan [tpmi-msghan [tpmi-msghan [tpmi-msghan [tpmi-msghan	
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?	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 102 0 103 0 104 0 115 0 119 0 124 0 148 0 159 0 199 0 237 0 309 0	.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ? 9 ?		S	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:23 01:23 01:23 01:23	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_eh_0] [scsi_eh_1] [scsi_tmf_0] [scsi_tmf_1] [vfto-trqfd- [nld] [tjvb_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/l:1 [scsi_eh_2] [scsi_tmf_2] [jbd2/sda3-8 [ext4-rsv-co /tlb/systemd [tpmi-msghan /tib/systemd	
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	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 102 0 103 0 104 0 115 0 118 0 124 0 148 0 159 0 159 0 230 0 237 0 375 0 377 0 377 0	.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 ? 9 ? 9 ? ? 9 ? 9 ? ? 9		S	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:23 01:23 01:23 01:23 01:23 01:23	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs_kt [kthrottd] [acpi_therma [scsi_the_0] [scsi_tmf_0] [scsi_tmf_1] [scsi_tmf_1] [vfio-irqfd- [mld] [tpv6_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/1:1 [scsi_th_2] [jbd2/sda3-8 [ext4-rsv-co /lib/systemd [ipmi-msghan /lib/systemd [ipmi-msghan /lib/systemd [cryptd] [ttm_swap] [itm_swap] [card0-crtc1 [card0-crtc1	
	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 102 0 103 0 104 0 115 0 119 0 124 0 148 0 159 0 169 0 257 0 277 0 378 0 377 0	8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? 0 ? ? 0 ?	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	S	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:23 01:23 01:23 01:23 01:23 01:23 01:23	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_eh_0] [scsi_eh_1] [scsi_tmf_0] [scsi_tmf_1] [vfto-trqfd- [mld] [tjvb_addrco [kstrp] [zswap-shrin [kworker/u5: [charger_man [kworker/u5: [charger_man [kworker/i:1 [scsi_eh_2] [scsi_tmf_2] [jbd2/sda3-8 [ext4-rsv-co /tlb/systemd [ipmi-msghan /tlb/systemd [ipmi-msghan /tlb/systemd [irmytd] [ttm_swap] [trq/18-vmwg [card0-crtc0 [card0-crtc0 [card0-crtc0]	
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	root root root root root root root root	92 0 94 0 95 0 97 0 98 0 99 0 100 0 101 0 101 0 101 0 115 0 118 0 119 0 124 0 164 0 169 0 230 0 377 0 378 0 377 0 378 0 379 0 380 0 381 0	8 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 ? ? 9 ? 9 ? ? 9		S	01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:22 01:23 01:23 01:23 01:23 01:23 01:23 01:23 01:23 01:23	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0	[ecryptfs-kt [kthrotld] [acpi_therma [scsi_eh_0] [scsi_eh_1] [scsi_tmf_1] [scsi_tmf_1] [vfto-trqfd- [mld] [vfto-trqfd- [mld] [typws_addrco [kstrp] [kworker/u5: [charger_man [kworker/u5: [charger_man [kworker/u5: [charger_man [tworker/1:1] [scsi_eh_2] [scsi_tmf_2] [jbd2/sdas_[tmf_2] [jbd2/sdas_[tmf_2] [jbd2/sdas_[tmf_2] [jbd2/sdas_[tmf_2] [ibd2/sdas_[tmf_2] [ibd2/sdas_[tmf_2] [ibd2/sdas_[tmf_2] [itm_swap] [itm_swap] [itm_swap] [itm_swap] [itm_swap] [card0-crtc0 [card0-crtc1 [card0-crtc1 [card0-crtc2 [card0-crtc3 [card0-crtc3 [card0-crtc3 [card0-crtc3 [card0-crtc4 [card0-crtc4 [card0-crtc4 [card0-crtc5] [card0-crtc5] [card0-crtc5] [card0-crtc5] [card0-crtc5] [card0-crtc5] [card0-crtc5] [card0-crtc5]	
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progpro-VirtualBox:-/Desktou.$ ps aux >> mylisting.txt
progpro-VirtualBox:-/Desktou.$ more mylisting.txt
lab4
mylisting.txt
test
test
pro tty2 2022-06-10 01:24 (tty2)
2021-06-10 01:24 (tty2)
2021-07

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December

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10 11 12 13 14 15 16 17 18 19 20 12 23 21 22 23 24 25 26 27 19 20 21 22 23 24 25

24 25 26 27 28 29 30 28 29 30

26 27 28 29 30 31

USER

PID %CPU %MEM VSZ RSS TTY STAT START TIME COWMAND root 1 0.0 0.6 102408 12968 ? Ss 01:22 0:00 [kThreadd]

root 2 0.0 0.0 0 0 ? S 01:22 0:00 [kThreadd]

root 3 0.0 0.0 0 0 ? I< 01:22 0:00 [rcu_par_gp]

root 4 0.0 0.0 0 0 ? I< 01:22 0:00 [rcu_par_gp]

root 4 0.0 0.0 0 0 ? I< 01:22 0:00 [rcu_par_gp]

root 5 0.0 0.0 0 0 ? I< 01:22 0:00 [rcu_par_gp]

root --More--(13%)
```

vi.