Task_3: Section_2:

1.

2.

3. WC

```
anas@anas-Satellite-C55-B:~$ wc /tmp/commands.list
 1000  3046 21033 /tmp/commands.list
anas@anas-Satellite-C55-B:~$
```

4.

a-

```
ies      Terminal
 [+]
anas@anas-Satellite-C55-B:~/Dir1$ cat file_1 | cat file_2
Ahmed
Mahmoud
Abdo
```

Ptints the content of the second file.

b-

```
anas@anas-Satellite-C55-B:~/Dir1$ ls |rm
rm: missing operand
Try 'rm --help' for more information.
anas@anas-Satellite-C55-B:~/Dir1$
```

c-

```
anas@anas-Satellite-C55-B:~$ ls /etc/passwd | wc -l
1
anas@anas-Satellite-C55-B:~$
```

5.

```
anas@anas-Satellite-C55-B:~$ sudo find / -name .profile
/snap/core22/1033/etc/skel/.profile
/snap/core22/1033/root/.profile
/snap/core22/864/etc/skel/.profile
/snap/core22/864/root/.profile
/snap/core18/2796/etc/skel/.profile
/snap/core18/2796/root/.profile
/snap/core18/2812/etc/skel/.profile
/snap/core18/2812/root/.profile
/snap/core20/2015/etc/skel/.profile
/snap/core20/2015/root/.profile
/snap/core20/1974/etc/skel/.profile
/snap/core20/1974/root/.profile
/root/.profile
find: '/run/user/1000/doc': Permission denied
find: '/run/user/1000/gvfs': Permission denied
/etc/skel/.profile
/home/anas/.profile
find: '/proc/3961/task/3961/net': Invalid argument
find: '/proc/3961/net': Invalid argument
find: '/proc/21216/task/25794': No such file or directory
anas@anas-Satellite-C55-B:~$
```

6.

a. /

```
anas@anas-Satellite-C55-B:/$ ls -li
total 2097232
      13 lrwxrwxrwx   1 root root            7 22:51 22 نوف  bin -> usr/bin
10092545 drwxr-xr-x   4 root root         4096 09:26 30 نوف  boot
 8650753 drwxrwxr-x   2 root root         4096 22:55 22 نوف  cdrom
       1 drwxr-xr-x  20 root root         4820 23:28 7  سس   dev
12582913 drwxr-xr-x 131 root root        12288 22:55 7  سس   etc
  262145 drwxr-xr-x   4 root root         4096 14:21 6  سس   home
      14 lrwxrwxrwx   1 root root            7 22:51 22 نوف  lib -> usr/lib
      15 lrwxrwxrwx   1 root root            9 22:51 22 نوف  lib32 -> usr/lib32
      16 lrwxrwxrwx   1 root root            9 22:51 22 نوف  lib64 -> usr/lib64
      17 lrwxrwxrwx   1 root root           10 22:51 22 نوف  libx32 -> usr/libx32
      11 drwx------   2 root root        16384 22:50 22 نوف  lost+found
 5373953 drwxr-xr-x   3 root root         4096 23:25 22 نوف  media
 3670017 drwxr-xr-x   2 root root         4096 01:52 8  لغش  mnt
15204353 drwxr-xr-x   3 root root         4096 22:38 7  سس   opt
       1 dr-xr-xr-x 300 root root            0 19:25 7  سس   proc
11665409 drwx------   6 root root         4096 15:15 6  سس   root
       1 drwxr-xr-x  36 root root          960 23:18 7  سس   run
      18 lrwxrwxrwx   1 root root            8 22:51 22 نوف  sbin -> usr/sbin
 2228225 drwxr-xr-x  21 root root         4096 18:25 7  سبس  snap
11272193 drwxr-xr-x   2 root root         4096 01:52 8  لغش  srv
      12 -rw-------   1 root root 2147483648 22:50 22 نوف  swapfile
       1 dr-xr-xr-x  13 root root            0 19:25 7  سس   sys
 9830401 drwxrwxrwt  41 root root         4096 00:27 8  سبس  tmp
10223617 drwxr-xr-x  14 root root         4096 01:52 8  لغش  usr
 1835009 drwxr-xr-x  15 root root         4096 09:19 23 نوف  var
```

b. /etc

```
12582920 drwxr-xr-x  3 root root   4096 01:55 8 نقل acpi
12583050 -rw-r--r--  1 root root   3028 01:52 8 نقل adduser.conf
12582921 drwxr-xr-x  3 root root   4096 01:53 8 نقل alsa
12582922 drwxr-xr-x  2 root root   4096 22:38 7 سب alternatives
12583051 -rw-r--r--  1 root root    335 2022 23 مار anacrontab
12583294 drwxr-xr-x  8 root root   4096 09:21 23 نف apache2
12583052 -rw-r--r--  1 root root    433 2022 23 مار apg.conf
12582923 drwxr-xr-x  5 root root   4096 01:53 8 نقل apm
12582924 drwxr-xr-x  3 root root   4096 09:27 30 نف apparmor
12582925 drwxr-xr-x  8 root root   4096 09:27 30 نف apparmor.d
12582926 drwxr-xr-x  4 root root   4096 01:55 8 نقل apport
12583053 -rw-r--r--  1 root root    769 2022 22 فبر appstream.conf
12582927 drwxr-xr-x  8 root root   4096 13:18 6 سب apt
12582928 drwxr-xr-x  3 root root   4096 23:20 22 نف avahi
12583054 -rw-r--r--  1 root root   2319 2022  6 ينا bash.bashrc
12583055 -rw-r--r--  1 root root     45 2021 11 نف bash_completion
12582929 drwxr-xr-x  2 root root   4096 23:33 22 نف bash_completion.d
12583056 -rw-r--r--  1 root root    367 2020 16 سب bindresvport.blacklist
12582930 drwxr-xr-x  2 root root   4096 2022  7 أبر binfmt.d
12582931 drwxr-xr-x  2 root root   4096 22:55 7 سب bluetooth
12583057 -rw-r-----  1 root root     33 01:55 8 نقل brlapi.key
12582932 drwxr-xr-x  7 root root   4096 01:54 8 نقل brltty
12583058 -rw-r--r--  1 root root  29219 2022 28 يون brltty.conf
12582933 drwxr-xr-x  3 root root   4096 01:53 8 نقل ca-certificates
12583059 -rw-r--r--  1 root root   6253 01:53 8 نقل ca-certificates.conf
12583060 -rw-r--r--  1 root root   5529 01:53 8 نقل ca-certificates.conf.dpkg-old
12582934 drwxr-s---  2 root dip    4096 01:54 8 نقل chatscripts
12585642 drwxr-xr-x  3 root root   4096 23:43 30 نف chromium
12582936 drwxr-xr-x  2 root root   4096 22:56 22 نف console-setup
12582937 drwxr-xr-x  2 root root   4096 01:55 8 نقل cracklib
12582938 drwxr-xr-x  2 root root   4096 23:03 22 نف cron.d
12582939 drwxr-xr-x  2 root root   4096 22:38 7 سب cron.daily
12582940 drwxr-xr-x  2 root root   4096 01:53 8 نقل cron.hourly
12582941 drwxr-xr-x  2 root root   4096 01:54 8 نقل cron.monthly
12583061 -rw-r--r--  1 root root   1136 2022 23 مار crontab
12582942 drwxr-xr-x  2 root root   4096 01:55 8 نقل cron.weekly
12582944 drwxr-xr-x  5 root lp     4096 00:00 8 سب cups
12582945 drwxr-xr-x  2 root root   4096 01:55 8 نقل cupshelpers
```

c. etc/hosts

```
anas@anas-Satellite-C55-B:/etc$ ls -li hosts
12583077 -rw-r--r-- 1 root root 235 22:55 22 نف  hosts
anas@anas-Satellite-C55-B:/etc$ ls -i hosts
12583077 hosts
anas@anas-Satellite-C55-B:/etc$
```

7.

```
anas@anas-Satellite-C55-B:/boot$ ls
config-6.2.0-26-generic          memtest86+.elf
config-6.2.0-37-generic          memtest86+_multiboot.bin
efi                              passLink  ⟵
grub                             System.map-6.2.0-26-generic
initrd.img                       System.map-6.2.0-37-generic
initrd.img-6.2.0-26-generic      vmlinuz
initrd.img-6.2.0-37-generic      vmlinuz-6.2.0-26-generic
initrd.img.old                   vmlinuz-6.2.0-37-generic
memtest86+.bin                   vmlinuz.old
anas@anas-Satellite-C55-B:/boot$
```

8.

```
anas@anas-Satellite-C55-B:/boot$ ls -i
10092549 config-6.2.0-26-generic
10092849 config-6.2.0-37-generic
       1 efi
10092547 grub
12585958 hardLink
10092550 initrd.img
10092562 initrd.img-6.2.0-26-generic
10092563 initrd.img-6.2.0-37-generic
10092551 initrd.img.old
10092552 memtest86+.bin
10092553 memtest86+.elf
10092554 memtest86+_multiboot.bin
10092560 passLink
10092548 System.map-6.2.0-26-generic
10092847 System.map-6.2.0-37-generic
10092852 vmlinuz
10092559 vmlinuz-6.2.0-26-generic
10092850 vmlinuz-6.2.0-37-generic
10092851 vmlinuz.old
anas@anas-Satellite-C55-B:/boot$ ls -i /etc/passwd
12585958 /etc/passwd
anas@anas-Satellite-C55-B:/boot$
```

9.

```
anas@anas-Satellite-C55-B:~$ echo \
:

anas@anas-Satellite-C55-B:~$
```