1. Write shell commands for the following.

i)

ii)

iii)

iv)

```
guest-yzwgat@ubuntu: ~/Desktop/mostafa/m2
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$ ls >num.txt
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$ cat num.txt
file1.txt
num.txt
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$ ls |wc -l
2
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$
```

v)

```
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$ cd ..
guest-yzwgat@ubuntu:~/Desktop/mostafa$ cd ..
guest-yzwgat@ubuntu:~/Desktop$ cat >Ahmed.txt
,axopaxomaxmaomxoamxoxma
^C
guest-yzwgat@ubuntu:~/Desktop$ cat >sss.txt
omaomxpoamxmmxama
^C
guest-yzwgat@ubuntu:~/Desktop$ cat>ahmed.txt
mocmmqwocmopammcoamoma
^C
guest-yzwgat@ubuntu:~/Desktop$ cat >arw.txt
mmwpocmosmmospm
^C
guest-yzwgat@ubuntu:~/Desktop$ ls |grap a
The program 'grap' is currently not installed. To run 'grap' please ask your a
dministrator to install the package 'grap'
guest-yzwgat@ubuntu:~/Desktop$ ls |grep a
ahmed.txt
arw.txt
data
mostafa
guest-yzwgat@ubuntu:~/Desktop$ ls |grep A
Ahmed.txt
guest-yzwgat@ubuntu:~/Desktop$
```

vi)

```
guest-yzwgat@ubuntu: ~/Desktop/mostafa/m1
guest-yzwgat@ubuntu:~/Desktop$ cd mostafa
guest-yzwgat@ubuntu:~/Desktop/mostafa$ cd m2
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$ ls |wc -l
2
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$ cd m2
bash: cd: m2: No such file or directory
guest-yzwgat@ubuntu:~/Desktop/mostafa/m2$ cd ..
guest-yzwgat@ubuntu:~/Desktop/mostafa$ cd m1
guest-yzwgat@ubuntu:~/Desktop/mostafa/m1$ ls |wc -l
3
guest-yzwgat@ubuntu:~/Desktop/mostafa/m1$
```

2. Execute the following commands in sequence: i) date ii) ls iii) pwd

```
guest-yzwgat@ubuntu: ~/Desktop/mostafa/m1
guest-yzwgat@ubuntu:~$ pwd
/tmp/guest-yzwgat
guest-yzwgat@ubuntu:~$ cd Desktop
guest-yzwgat@ubuntu:~/Desktop$ cd mostafa
guest-yzwgat@ubuntu:~/Desktop/mostafa$ pwd
/tmp/guest-yzwgat/Desktop/mostafa
guest-yzwgat@ubuntu:~/Desktop/mostafa$ date
Sun Apr 25 17:47:32 PDT 2021
guest-yzwgat@ubuntu:~/Desktop/mostafa$ ls
m1   m2
guest-yzwgat@ubuntu:~/Desktop/mostafa$ cd m1
guest-yzwgat@ubuntu:~/Desktop/mostafa/m1$ ls
file1.txt   file2.txt   file3.txt
guest-yzwgat@ubuntu:~/Desktop/mostafa/m1$ 
```