

-1

```
rezaee_98411387@98411387:~$ touch Q1.txt
rezaee_98411387@98411387:~$ chmod 000 Q1.txt
```

-2

```
rezaee_98411387@98411387:~$ sudo find /etc/ -type f -name "*t" | wc -c
[sudo] password for rezaee_98411387:
2535
```

-3

```
rezaee_98411387@98411387:~$ last -1
rezaee_9 tty7          :0                Wed Jan  4 08:20      gone - no logout

wtm begins Wed Jan  4 05:49:27 2023
rezaee_98411387@98411387:~$ grep ":rezaee_98411387" /etc/group | cut -d ":" -f 1
cdrom
sudo
dip
plugdev
lpadmin
smbashare
```

-4

```
rezaee_98411387@98411387:~$ grep "/usr/sbin/nologin" /etc/passwd | cut -d ":" -f 1 | head -n 10
daemon
bin
sys
games
man
lp
mail
news
uucp
proxy
```

-6

```
#!/bin/bash
```

```
rezaee_98411387@98411387:~$ sudo bash Q6.sh
```

Day	Number of people
Monday	10
Tuesday	8
Wednesday	6
Thursday	4
Friday	3
Saturday	2
Sunday	1

-7

```
rezaee_98411387@98411387:~$ find ./ -type f -name "*.sh" | awk '/^[a-k]/ {print $0}'
rezaee_98411387@98411387:~$ find ./ -type f -name "*.sh"
./Q6.sh
```

-8

```
#!/bin/bash
read -p "n: " n

func()
{
    return ping '8.8.8.8' -c 3 | awk -F " " '{print $6}' | awk 'NR==7'
}

counter=0
while [ $counter -lt $n ]
do
    func
    if [ $? == 0 ]
    then
        echo "Done"
    else
        echo "The address is unreachable."
    fi
    let counter=counter+1
done
rezaee_98411387@98411387:~/Desktop$ sudo bash hw9.sh
n: 3
hw9.sh: line 6: return: ping: numeric argument required
Done
hw9.sh: line 6: return: ping: numeric argument required
Done
hw9.sh: line 6: return: ping: numeric argument required
Done
```

-9

```
Enter Number Of Processes : 3
Enter Burst Time and Priority for Process P1 : 2 4
Enter Burst Time and Priority for Process P2 : 5 2
Enter Burst Time and Priority for Process P3 : 1 6

Process      Burst Time      Waiting Time      Turnaround Time
P[2]          5                0                  5
P[1]          2                5                  7
P[3]          1                7                  8

Average Waiting Time : 4
Average Turnaround Time : 6
```

```
#!/bin/bash
read -p 'n: ' n
let a=$n%100
let n=$n/10
let b=$n%10
let c=$n/10
let s=a+b+c
let avg=s/3
echo "Average is: $avg"
rezaee_98411387@98411387:~$ sudo bash Q10.sh
n: 108
Average is: 3
```