

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ cat input.txt  
7 4 1  
6 3 4  
9 5 1  
1 8 2  
3 7 5  
pazhand_400521171@400521171:~$
```

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ awk 'BEGIN {sum=0} {sum+=$2} END {print sum}' input.txt  
27  
pazhand_400521171@400521171:~$
```

(ب -1

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ awk 'BEGIN {sum=0;number=0} $1>2 {sum+=$3;number+=1} END {print sum/number}' input.txt  
2.75  
pazhand_400521171@400521171:~$
```

-2

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ awk -F: '$3>=500 && /^[a-k]/ {print $1}' /etc/passwd  
guest-6zsrh5  
pazhand_400521171@400521171:~$
```

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ ls -al | awk '$6 == "May" || $6 == "Apr" {print $9}'  
.  
.bash_history  
.gnupg  
.ICEauthority  
input.txt  
.nano  
.q1_1.sh.swp  
.selected_editor  
.Xauthority  
.xsession-errors  
.xsession-errors.old  
pazhand_400521171@400521171:~$
```