

```
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd desktop
bash: cd: desktop: No such file or directory
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p6.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the number of the process
2
Enter the arrival time , burst time and priority of the process
AT BT PT
2 3 4
3 4 5
ID WT TAT
1 0 3
2 2 6
Avg waiting time of the process is 1.000000
Avg turn around time of the process is 4.500000
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$
```

```
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p1.c
cc: error: p1.c: No such file or directory
cc: fatal error: no input files
compilation terminated.
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p1.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
before fork
My student's id is 6676
I am having parent id 6675
Common
I am having student id 6676
My parent's id is 6675
Common
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ █
```

```
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p2.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
p1.c
Cannot open file p1.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ p1
p1: command not found
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
100
Cannot open file 100
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
33
Cannot open file 33
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
desktop
Cannot open file desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
a.txt
Enter the filename to open for writing
b.txt
Cannot open file b.txt
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the filename to open for reading
a.txt
Enter the filename to open for writing
b.txt
Contents copied to b.txtguest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ █
```

```
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p8.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter Total Process:      4
Enter Arrival Time and Burst Time for Process Process Number 1 :0 2
Enter Arrival Time and Burst Time for Process Process Number 2 :6 12
Enter Arrival Time and Burst Time for Process Process Number 3 :3 9
Enter Arrival Time and Burst Time for Process Process Number 4 :1 5
Enter Time Quantum:      3
```

Process	Turnaround Time	Waiting Time
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P[1]	2	0
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```
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd desktop
bash: cd: desktop: No such file or directory
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p6.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter the number of the process
```

```
2
Enter the arrival time , burst time and priority of the process
AT BT PT
2 3 4
3 4 5
ID WT TAT
1 0 3
2 2 6
```

Avg waiting time of the process is 1.000000

Avg turn around time of the process is 4.500000

```
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p7.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
```

```
enter the no of processes : 3
the arrival time for process P1 : 2
the burst time for process P1 : 3
the arrival time for process P2 : 4
the burst time for process P2 : 3
the arrival time for process P3 : 4
the burst time for process P3 : 5
P[10] | -22765 | -32764
```

average waiting time = -10921.333333

average turnaround time = -7588.333333guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop\$ █

```

guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF: ~/Desktop
2       5       10      15
3       8       15      23
Average waiting time = 8
Average turn around time = 16 guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$
cd Desktop
bash: cd: Desktop: No such file or directory
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p4.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Enter number of process: 5
Enter Burst Time:
P1: 2
P2: 3
P3: 1
P4: 5
P5: 4
P      BT      WT      TAT
P3     1       0       1
P1     2       1       3
P2     3       3       6
P5     4       6      10
P4     5      10      15
Average Waiting Time= 4.000000
Average Turnaround Time= 7.000000guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$
p$

```

guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF: ~/Desktop

Enter the priority: 4

Enter the details of the process E

Enter the burst time: 2

Enter the priority: 3

Process_name	Burst Time	Waiting Time	Turnaround Time
A	5	0	5
C	8	5	13
D	2	13	15
E	2	15	17
B	6	17	23

Average Waiting Time : 10.000000

Average Turnaround Time: 14.600000

guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop\$

```
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF: ~/Desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~$ cd Desktop
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ cc p3.c
guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$ ./a.out
Processes Burst time Waiting time Turn around time
1          10          0          10
2           5         10         15
3           8         15         23
Average waiting time = 8
Average turn around time = 16 guest-ehkmzj@cn6-HP-ProDesk-400-G1-SFF:~/Desktop$
```