

TEST CASE

Input:

 input  Output

4 processes

Arrival time burst time

0 18

2 23

4 13

13 10

Success #stdin #stdout 0s 4360KB

Output:

 Input  Output

[clear the output](#) ☒ syntax highlight

Success #stdin #stdout 0s 4540KB

-----All Output Details by Amneet Singh Roll no 1, 11600985-----

-----The details of time quantum are as follows lets start:-----
-----The time quantum for first round is 3,-----

Process Number dude-> 0 burst left=> 18 time_quantum-> 3
updated -> 0 burst left=> 15 current_total_time-> 3 indicator-> 0

 Input  Output

[clear the output](#) ☒ syntax highlight

Next Process to be executed-> 1 Next_arrival_time 4 Time quantum-> 3

Process Number dude-> 1 burst left=> 23 time_quantum-> 3
updated -> 1 burst left=> 20 current_total_time-> 6 indicator-> 0
Next Process to be executed-> 2 Next_arrival_time 13 Time quantum-> 3

Process Number dude-> 2 burst left=> 13 time_quantum-> 3
updated -> 2 burst left=> 10 current_total_time-> 9 indicator-> 0
Next Process to be executed-> 0

[save](#)

[Ideone it!](#)

Success #stdin #stdout 0s 4376KB

```
-----
Process Number dude-> 0 burst left=> 15 time_quantum-> 3
updated  -> 0 burst left=> 12 current_total_time-> 12 indictor-> 0
Next Process to be executed-> 1 Next_arrival_time 4 Time quantum-> 3
```

```
-----
Process Number dude-> 1 burst left=> 20 time_quantum-> 3
updated  -> 1 burst left=> 17 current_total_time-> 15 indictor-> 0
Next Process to be executed-> 2 Next_arrival_time 13 Time quantum-> 3
```

save ideone it!

Success #stdin #stdout 0s 4376KB

input Output clear the output syntax highlight

```
-----
Process Number dude-> 2 burst left=> 10 time_quantum-> 3
updated  -> 2 burst left=> 7 current_total_time-> 18 indictor-> 0
Next Process to be executed-> 3 Next_arrival_time 0 Time quantum-> 3
```

```
-----
Process Number dude-> 3 burst left=> 10 time_quantum-> 3
updated  -> 3 burst left=> 7 current_total_time-> 21 indictor-> 0
-----The time quantum for second round is 6. -----
Start from process first
```

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Success #stdin #stdout 0s 4376KB

input Output clear the output syntax highlight

```
-----
Process Number dude-> 0 burst left=> 12 time_quantum-> 6
updated  -> 0 burst left=> 6 current_total_time-> 27 indictor-> 0
Next Process to be executed-> 1 Next_arrival_time 4 Time quantum-> 6
```

```
-----
Process Number dude-> 1 burst left=> 17 time_quantum-> 6
updated  -> 1 burst left=> 11 current_total_time-> 33 indictor-> 0
Next Process to be executed-> 2 Next_arrival_time 13 Time quantum-> 6
```

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Success #stdin #stdout 0s 4376KB

input Output clear the output syntax highlight

```
-----
Process Number dude-> 2 burst left=> 7 time_quantum-> 6
updated  -> 2 burst left=> 1 current_total_time-> 39 indictor-> 0
Next Process to be executed-> 3 Next_arrival_time 0 Time quantum-> 6
```

```
-----
Process Number dude-> 3 burst left=> 7 time_quantum-> 6
updated  -> 3 burst left=> 1 current_total_time-> 45 indictor-> 0
-----Third round with least burst time.-----
```

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Success #stdin #stdout 0s 4376KB

input Output clear the output syntax highlight

```
Burst times and the process Numbers
burst time-> 6 Process Number-> 1
burst time-> 11 Process Number-> 2
burst time-> 1 Process Number-> 3
burst time-> 1 Process Number-> 4
```

```
Burst times and the process Numbers After sorted
burst time-> 1 Process Number-> 3
```

save ideone it!

Success #stdin #stdout 0s 4376KB

input Output clear the output syntax highlight

```
burst time-> 1 Process Number-> 4
burst time-> 6 Process Number-> 1
burst time-> 11 Process Number-> 2
```

Input

Output

clear the output

☒ syntax highlight

Process	Burst time	waiting time	Turnaround Time
P3	1	39	40
P4	1	33	34
P1	6	42	48
P2	11	39	50

Average waiting time = 28.500000
Average turnaround time = 43.000000

Success #stdin #stdout 0s 4408KB

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Success #stdin #stdout 0s 4376KB