TEST CASE

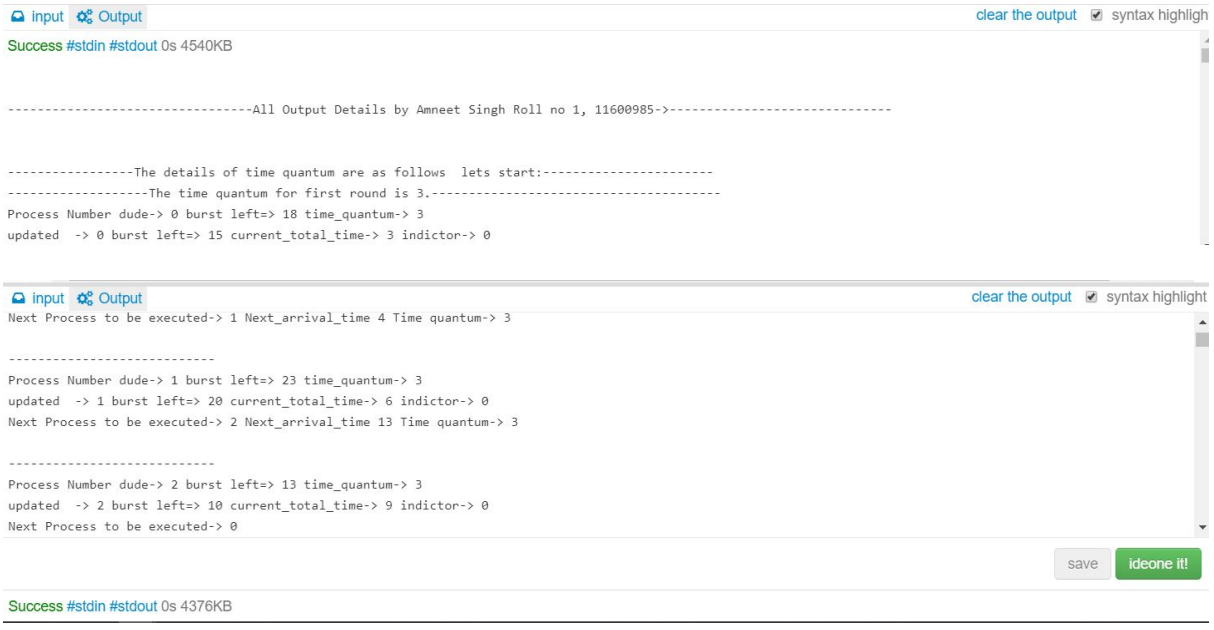
Input:

input Output

```
4 processes
Arrival time   burst time
   0              18
   2              23
   4              13
  13              10
```

Success #stdin #stdout 0s 4360KB

Output:



```
----------------------------
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
```

save ideone it!

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
```

save ideone it!

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.----------------------
```

save ideone it!

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
save
ideone it!
Success #stdin #stdout 0s 4376KB