```
nickkai — kongn@csci-gnode-03:Nicholas_Kong_Lab3 — ssh kongn@csegrid.ucdenver.pvt — 119×40
3.      Shortest Remaining Task First - preemtive (SRTF) scheduling algorithm
-1.     Exit the program.
2

********************************************************************************
********************** Scheduling Algorithm: RR ********************************
********************************************************************************
[Enter total number of processes: 3                                             ]

 Enter Process Burst time
[P[1]: 4                                                                        ]
[P[2]: 3                                                                        ]
[P[3]: 4                                                                        ]
 Enter the arrival time.
[P[1]: 0                                                                        ]
[P[2]: 1                                                                        ]
[P[3]: 2                                                                        ]
 Select the quantum you would like to use.
[Quantum: 2                                                                     ]
 Processes labeled by number. Ex: P1 = 1, P2 = 2, P3 = 3, P4 = 4, etc...
1       2     3
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
Process ID      Arrival Time    Burst time      Finish          Waiting time    Turnaround time No. Of Context
--------------------------------------------------------------------------------------------------------------
P[1]            0               4               4               4               8               1
P[2]            1               3               7               5               8               1
P[3]            2               4               11              5               9               1

Average CPU Burst Time: 3.67 ms
Average waiting time: 4.67 ms
Average turn around time: 8.33 ms
The total number of context switches is: 3

This is a process scheduling algorithm.
Which scheduling algorithm would you like to perform? Enter -1 to exit
1.      First Come First Serve (FCFS) scheduling algorithm
2.      Round Robin (RR) scheduling algorithm
3.      Shortest Remaining Task First - preemtive (SRTF) scheduling algorithm
-1.     Exit the program.
```