

OS Lab Week 5

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PES2201800475

1. Round Robin with quantum as 12

```
sivasurya ~/Documents/PES2201800475_SivaSuryaBabu_Week5
sivasurya ~/Documents/PES2201800475_SivaSuryaBabu_Week5 make
gcc rr.c -o rr.out
./rr.out
Round Robin Scheduling
Enter Number of Processes
5

Enter Burst time of 1 process 20
Enter Burst time of 2 process 5
Enter Burst time of 3 process 17
Enter Burst time of 4 process 10
Enter Burst time of 5 process 13

Enter Time Quantum
12

Process      Burst Time    Waiting Time   Turnaround Time
P1           20           39             59
P2           5           12             17
P3           17           47             64
P4           10           29             39
P5           13           52             65
Average waiting time is 35.799999
Average turnaround time is 48.799999
sivasurya ~/Documents/PES2201800475_SivaSuryaBabu_Week5 make
```

2. Round Robin with quantum as 5

```
sivasurya ~/Documents/PES2201800475_SivaSuryaBabu_Week5
sivasurya ~/Documents/PES2201800475_SivaSuryaBabu_Week5 make
gcc rr.c -o rr.out
./rr.out
Round Robin Scheduling
Enter Number of Processes
5

Enter Burst time of 1 process 20
Enter Burst time of 2 process 5
Enter Burst time of 3 process 17
Enter Burst time of 4 process 10
Enter Burst time of 5 process 13

Enter Time Quantum
5

Process      Burst Time    Waiting Time   Turnaround Time
P1           20           43             63
P2           5           5              10
P3           17           48             65
P4           10           30             40
P5           13           45             58
Average waiting time is 34.200001
Average turnaround time is 47.200001
sivasurya ~/Documents/PES2201800475_SivaSuryaBabu_Week5
```