

Operating System Week-5

Name : Tanishq Vyas
SRN : PES1201800125
Section : H
Semester : 5
Branch : CSE

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tanishq@tanishq-VivoBook-ASUSLaptop-X512FL-X512FL: ~/MAVIS/College Work/SEM 5/courses/OS/LAB/PES120180012...
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0125_Tanishq_Vyas_WEEK5$ ./a.out
*****ROUND ROBIN SCHEDULING*****

Enter number of Jobs : 5

Enter the name of process : P1
Enter CPU burst time : 20

Enter the name of process : P2
Enter CPU burst time : 5

Enter the name of process : P3
Enter CPU burst time : 17

Enter the name of process : P4
Enter CPU burst time : 10

Enter the name of process : P5
Enter CPU burst time : 13

Enter time quantum : 12

Process  Burst Time  WaitingTime  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 : 35.799999
Avergae Turn Around Time : 48.799999
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0125_Tanishq_Vyas_WEEK5$ 

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Fig : Execution for Time Quanta = 12

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*****ROUND ROBIN SCHEDULING*****

Enter number of Jobs : 5

Enter the name of process : P1
Enter CPU burst time : 20

Enter the name of process : P2
Enter CPU burst time : 5

Enter the name of process : P3
Enter CPU burst time : 17

Enter the name of process : P4
Enter CPU burst time : 10

Enter the name of process : P5
Enter CPU burst time : 13

Enter time quantum : 10

Process  Burst Time  WaitingTime  Turnaround Time
P1        20         35          55
P2         5         10          15
P3        17         45          62
P4         10         25          35
P5         13         52          65

Average Waiting Time : 33.400002
Avergae Turn Around Time : 46.400002
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0125_Tanishq_Vyas_WEEK5$

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Fig : Execution for Time Quanta = 10

