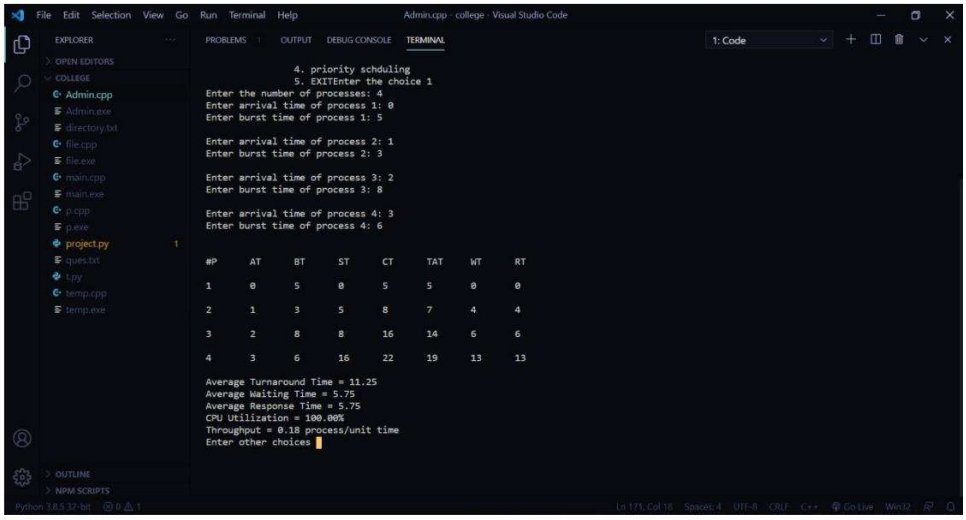
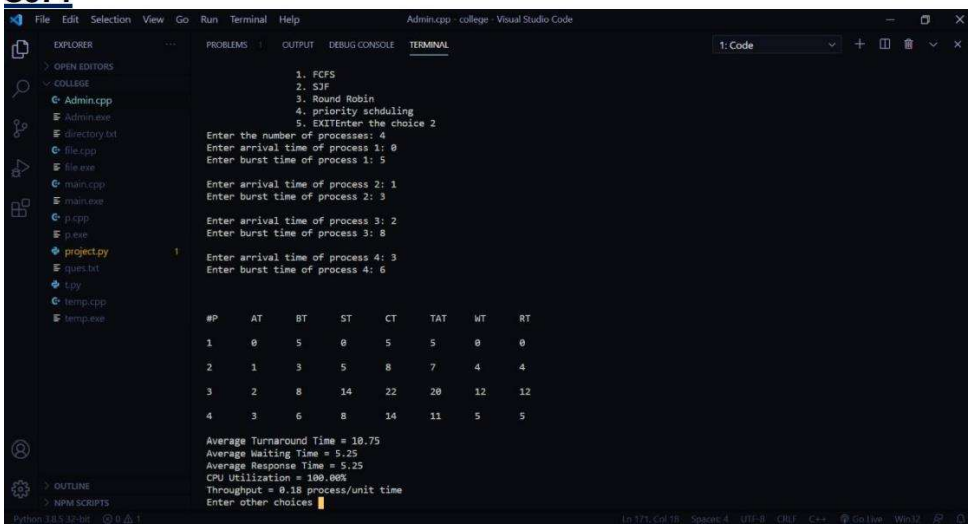
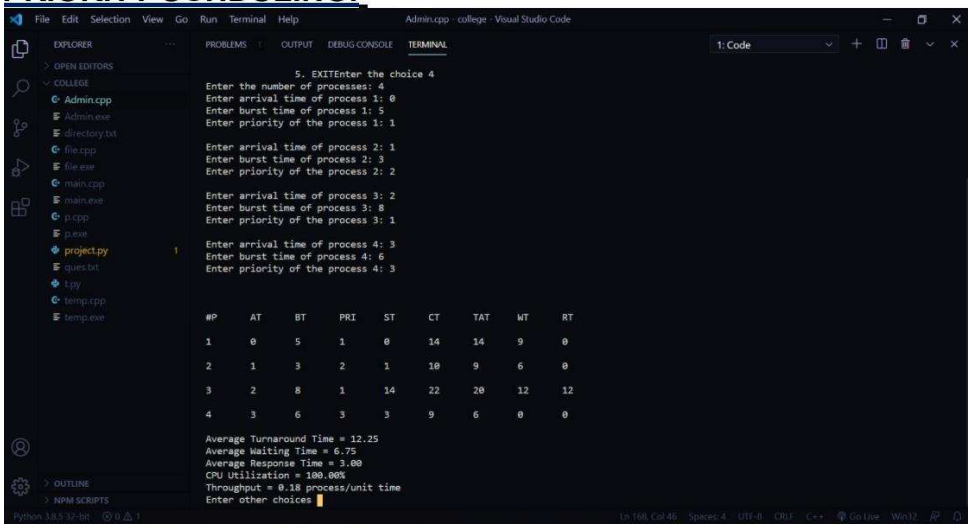
FCFS:


File Edit Selection View Go Run Terminal Help
Admin.cpp - college - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: Code
4. priority schduling
5. EXITEnter the choice 1
Enter the number of processes: 4
Enter arrival time of process 1: 0
Enter burst time of process 1: 5
Enter arrival time of process 2: 1
Enter burst time of process 2: 3
Enter arrival time of process 3: 2
Enter burst time of process 3: 8
Enter arrival time of process 4: 3
Enter burst time of process 4: 6
#P AT BT ST CT TAT WT RT
1 0 5 0 5 5 0 0
2 1 3 5 8 7 4 4
3 2 8 8 16 14 6 6
4 3 6 16 22 19 13 13
Average Turnaround Time = 11.25
Average Waiting Time = 5.75
Average Response Time = 5.75
CPU Utilization = 100.00%
Throughput = 0.18 process/unit time
Enter other choices

SJF:

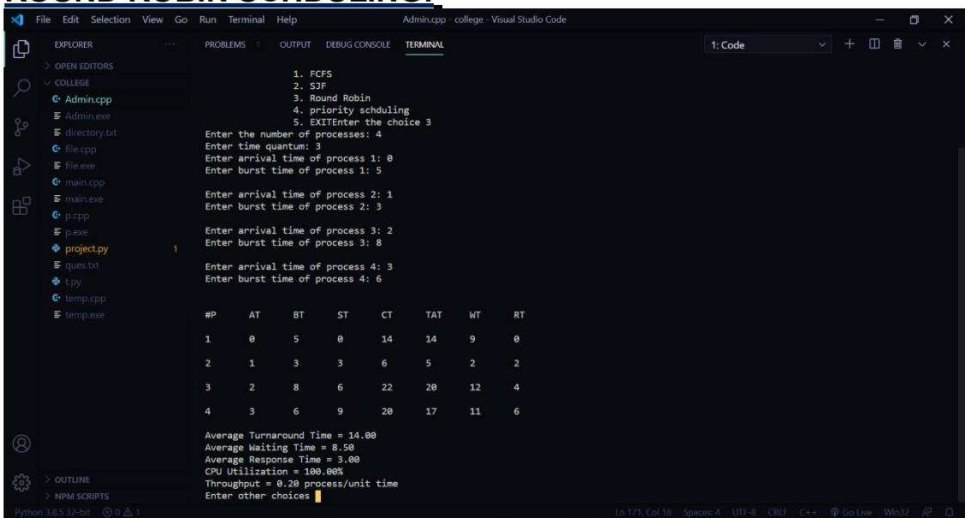

File Edit Selection View Go Run Terminal Help
Admin.cpp - college - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: Code
1. FCFS
2. SJF
3. Round Robin
4. priority schduling
5. EXITEnter the choice 2
Enter the number of processes: 4
Enter arrival time of process 1: 0
Enter burst time of process 1: 5
Enter arrival time of process 2: 1
Enter burst time of process 2: 3
Enter arrival time of process 3: 2
Enter burst time of process 3: 8
Enter arrival time of process 4: 3
Enter burst time of process 4: 6
#P AT BT ST CT TAT WT RT
1 0 5 0 5 5 0 0
2 1 3 5 8 7 4 4
3 2 8 14 22 20 12 12
4 3 6 8 14 11 5 5
Average Turnaround Time = 10.75
Average Waiting Time = 5.25
Average Response Time = 5.25
CPU Utilization = 100.00%
Throughput = 0.18 process/unit time
Enter other choices

PRIORITY SCHDULING:



```
                    5. EXITEnter the choice 4
Enter the number of processes: 4
Enter arrival time of process 1: 0
Enter burst time of process 1: 5
Enter priority of the process 1: 1

Enter arrival time of process 2: 1
Enter burst time of process 2: 3
Enter priority of the process 2: 2

Enter arrival time of process 3: 2
Enter burst time of process 3: 8
Enter priority of the process 3: 1

Enter arrival time of process 4: 3
Enter burst time of process 4: 6
Enter priority of the process 4: 3


#P      AT      BT      PRI     ST      CT      TAT     WT      RT

1       0       5       1       0       14      14      9       0

2       1       3       2       1       10      9       6       0

3       2       8       1       14      22      20      12      12

4       3       6       3       3       9       6       0       0

Average Turnaround Time = 12.25
Average Waiting Time = 6.75
Average Response Time = 3.00
CPU Utilization = 100.00%
Throughput = 0.18 process/unit time
Enter other choices
```

ROUND ROBIN SCHDULING:



```
                    1. FCFS
                    2. SJF
                    3. Round Robin
                    4. priority schduling
                    5. EXITEnter the choice 3
Enter the number of processes: 4
Enter time quantum: 3
Enter arrival time of process 1: 0
Enter burst time of process 1: 5

Enter arrival time of process 2: 1
Enter burst time of process 2: 3

Enter arrival time of process 3: 2
Enter burst time of process 3: 8

Enter arrival time of process 4: 3
Enter burst time of process 4: 6


#P      AT      BT      ST      CT      TAT     WT      RT

1       0       5       0       14      14      9       0

2       1       3       3       6       5       2       2

3       2       8       6       22      20      12      4

4       3       6       9       20      17      11      6

Average Turnaround Time = 14.00
Average Waiting Time = 8.50
Average Response Time = 3.00
CPU Utilization = 100.00%
Throughput = 0.20 process/unit time
Enter other choices
```