Leader: JAY ARRE TALOSIG
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Subject & Section: CCOPSYSL – COM232
Professor: Mr. Gaudencio Jeffrey G. Romano

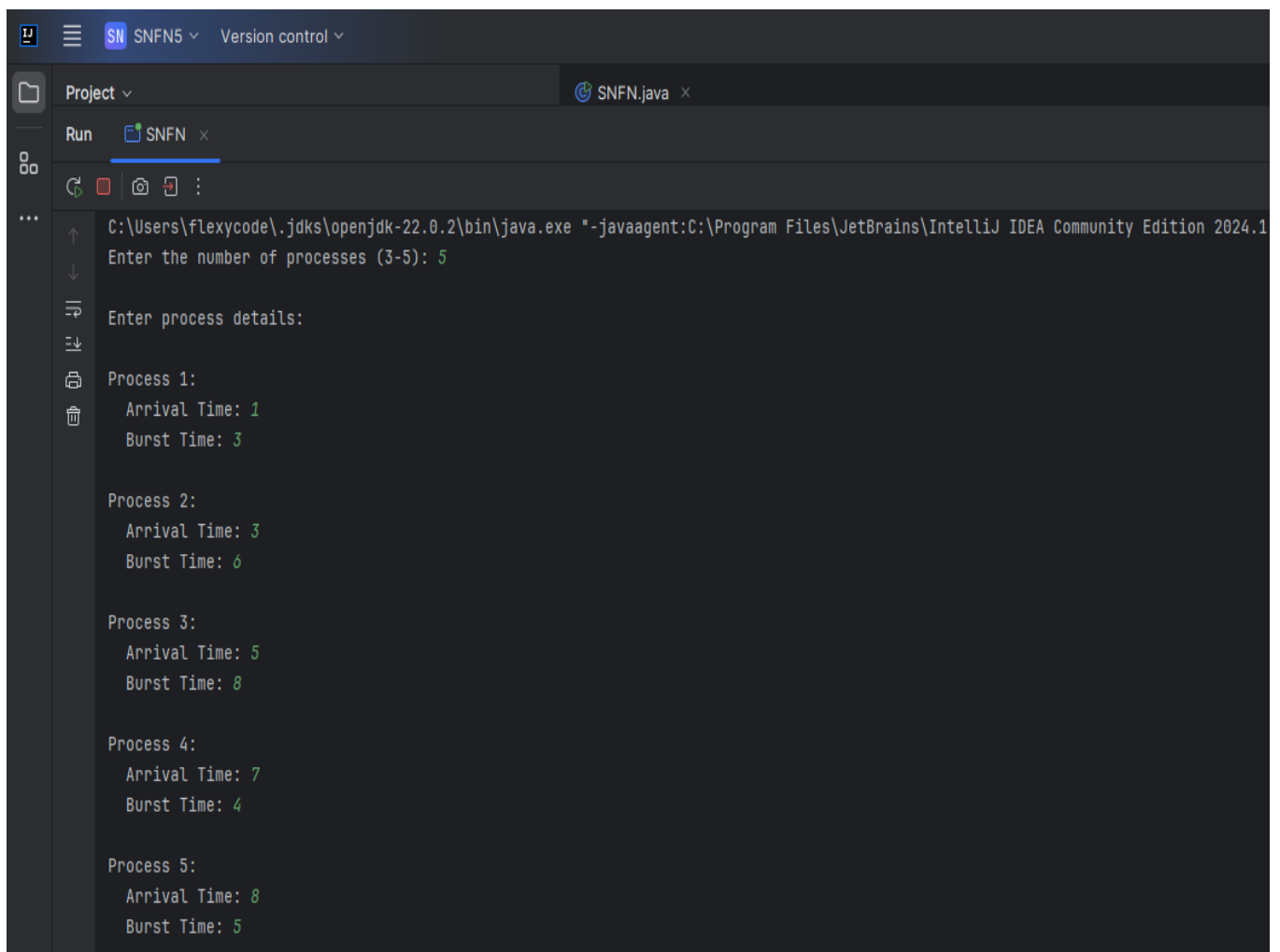**Laboratory #5: LAB-ACT5: HRRN ALGORITHM**

Instruction:
Make a program in java for HRRN (Highest response ration next) scheduling algorithm.

Sample Input / Output Screenshot #1:

Number of processes: 5
Process details: (Arrival Time, Burst Time)

Process 1: 1, 3
Process 2: 3, 6
Process 3: 5, 8
Process 4: 7, 4
Process 5: 8, 5

Sample Input / Output Screenshot #2:

Process Table (AT, BT, CT, TT, WT and RT) and Performance Metrics

PID	Arrival Time	Burst Time	Completion Time	Turnaround Time	Waiting Time	Response Time
P1	1	3	4	3	0	0
P2	3	6	10	7	1	1
P3	5	8	27	22	14	14
P4	7	4	14	7	3	3
P5	8	5	19	11	6	6

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PERFORMANCE METRICS
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Average Turnaround Time: 10.00 ms
Average Waiting Time: 4.80 ms
Average Response Time: 4.80 ms
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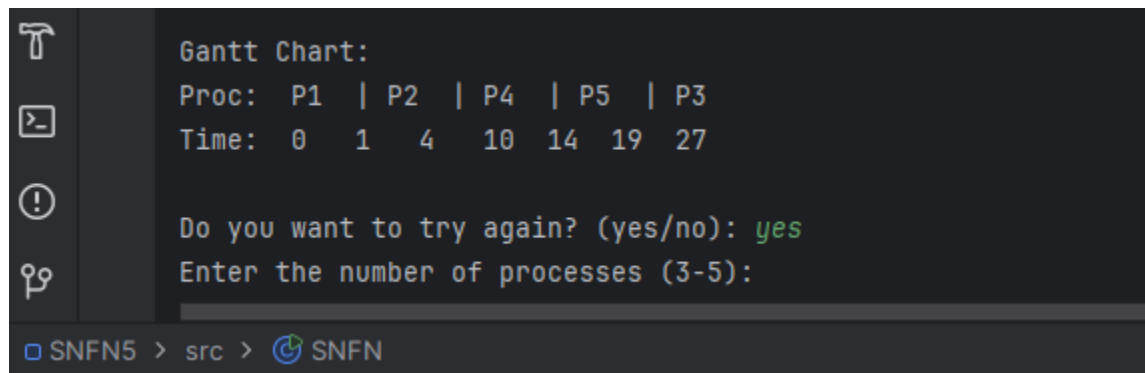
Sample Input / Output Screenshot #3:

Gantt Chart and input program for user if he/she wants to try again:

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Gantt Chart:
Proc:  P1  | P2  | P4  | P5  | P3
Time:  0    1    4    10   14   19   27

Do you want to try again? (yes/no): yes
Enter the number of processes (3-5):
```

SNFN5 > src > SNFN