

**Artificial Intelligence and Data Science Department.**

OS / Even Sem 2021-22 / Experiment 6.

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YASH SARANG.

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EXPERIMENT - 6.

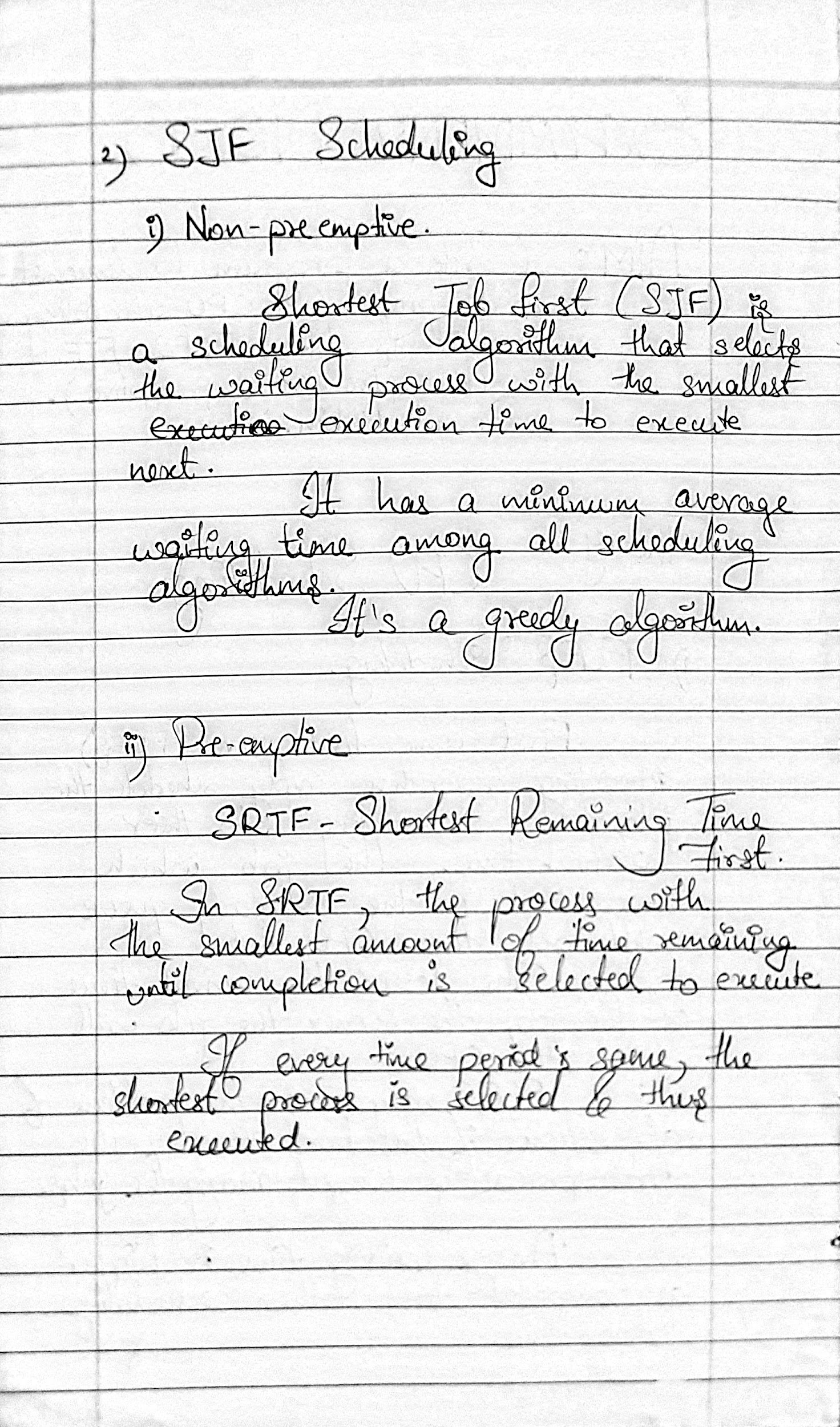
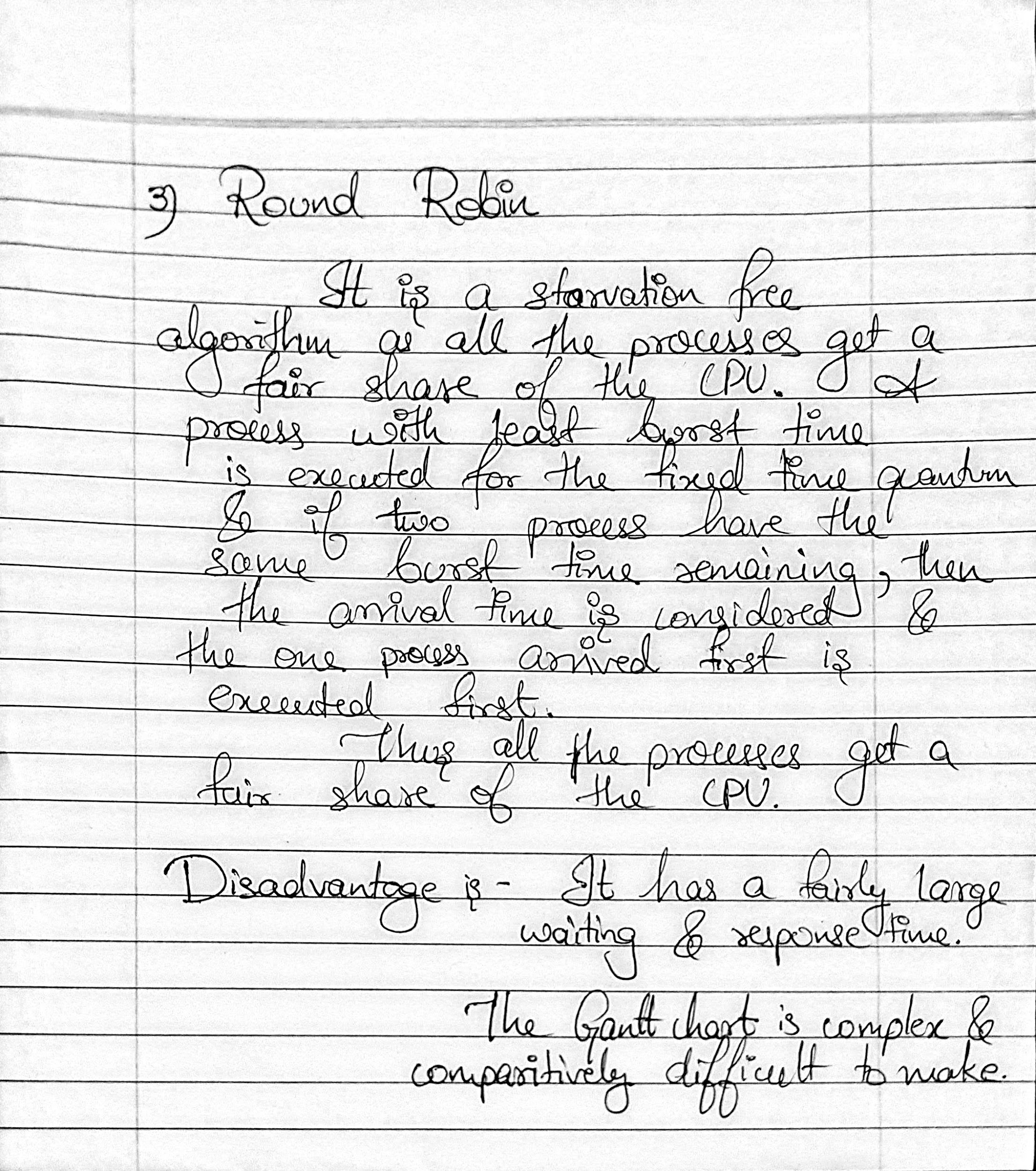
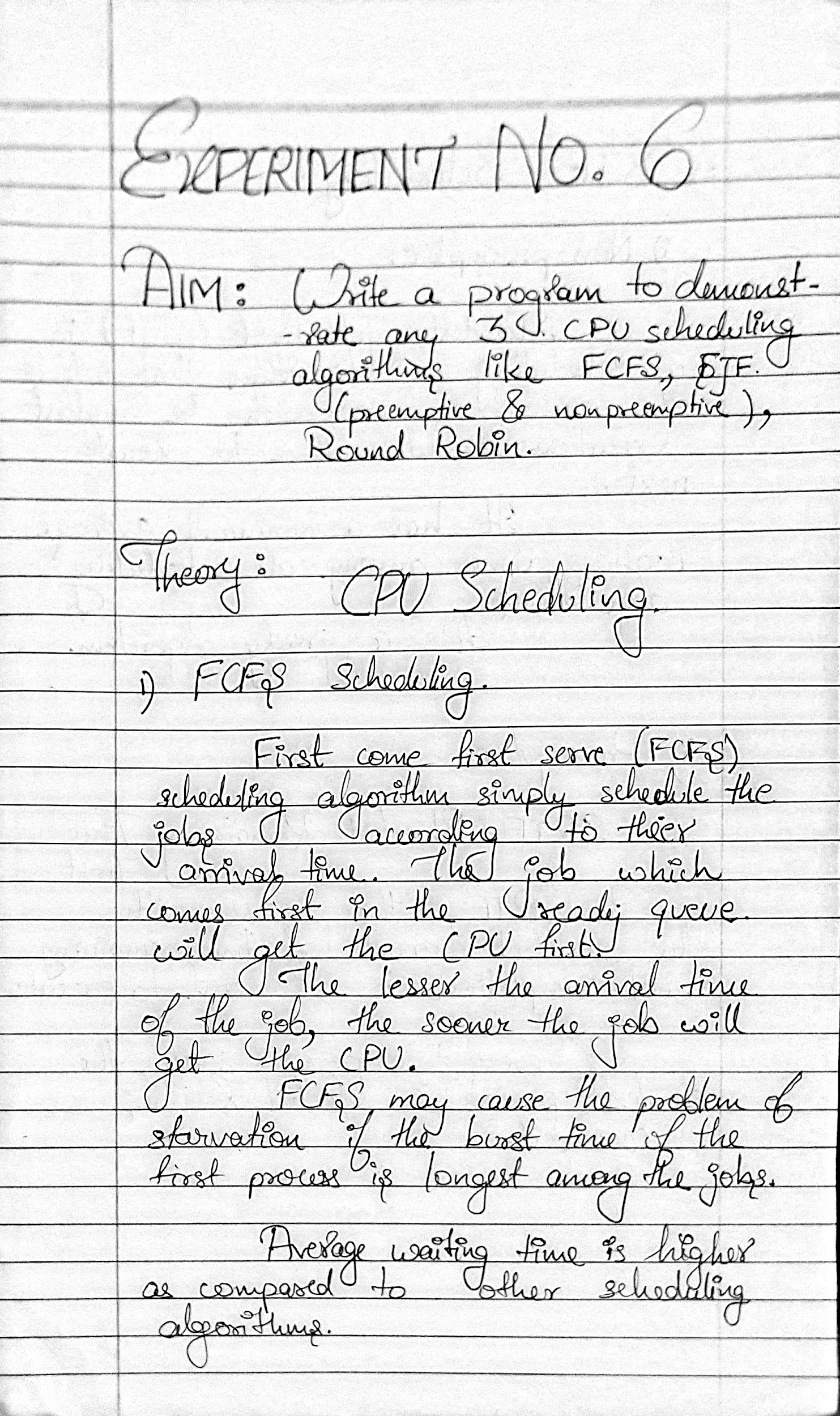
CPU Scheduling.

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**Aim:** Write a program to demonstrate any three CPU scheduling algorithms like FCFS, SJF (preemptive and non preemptive), Round Robin, priority(preemptive and non preemptive) .

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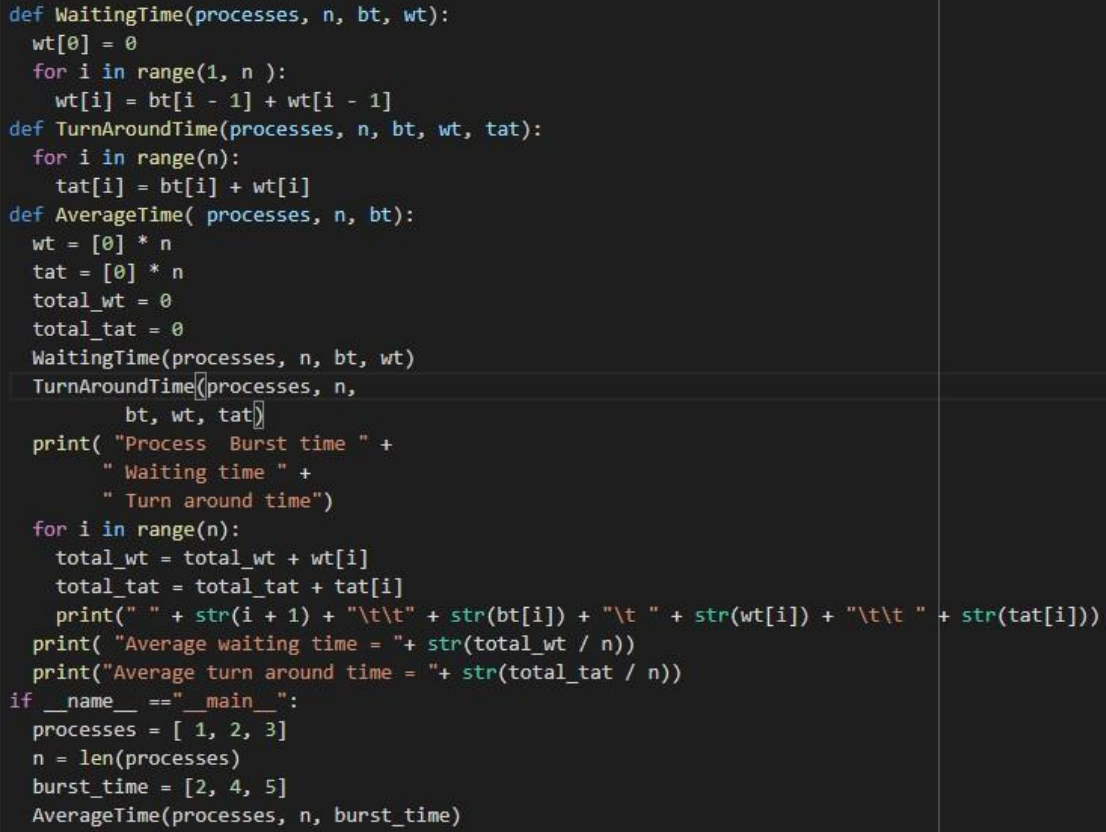
**Theory:**



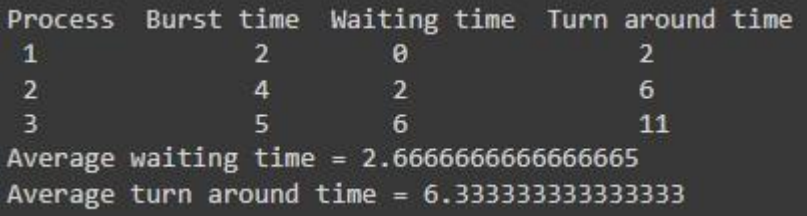
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**Snippets:**

1. FCFS:



Output:



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2. SJF (Non-Pre emptive)

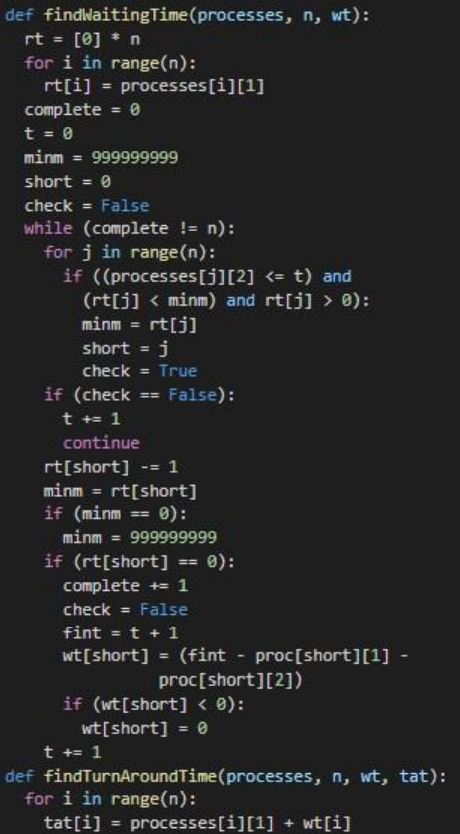


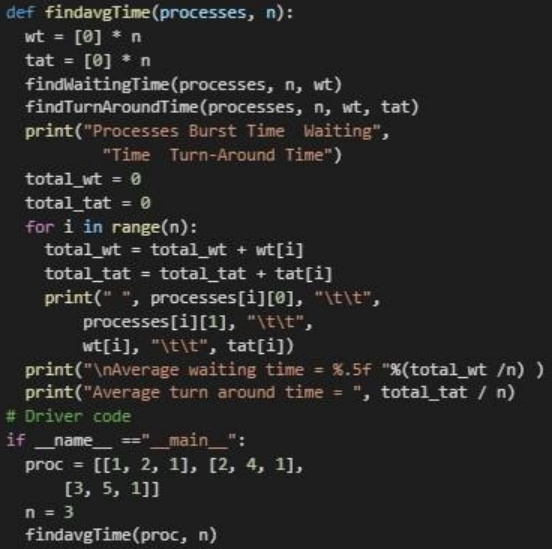
Output:



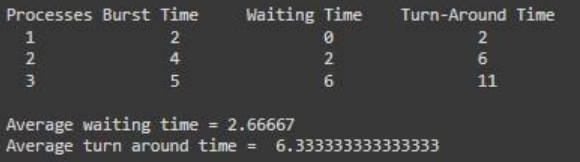
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3. SRTF (Pre-emptive)



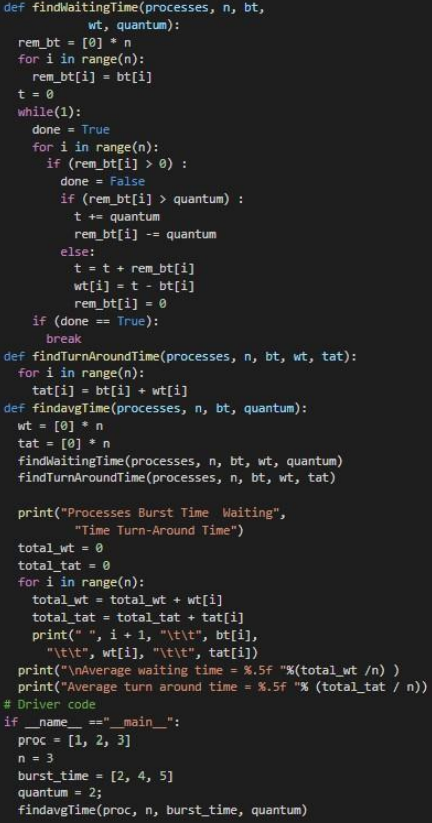


Output:

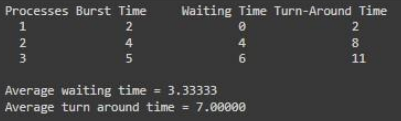


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4. Round Robin



Output:



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