Project:

In this project, show different types of CPU scheduling (FCFS, Round robins, Shortest Job First, Priority Scheduling, Shortest Remaining Time First, Longest Remaining Time First, and Highest Response Ratio Next). Give a transient event and show how these different scheduling react to that.

I. Number of process= last two digits of your student ID (i.e., if your student id is 10101025, then number of process will be "25". For process less than 10 add ten to it, i.e., if your student id is 1010100**5** then number of process will be "05+10=15". If you have any confusion, please email me with your student id.
II. Chose any of the five CPU scheduling from the following,
    - FCFS (First Come First Serve)
    - SJF (Shortest Job First)
    - LJF (Longest Job First)
    - Round Robin (RR)
    - Priority Scheduling
    - Shortest Remaining Time First
    - Longest Remaining Time First
    - Highest Response Ratio Next
III. Do scheduling for the number of process on step i.
IV. Give a transient event and show how these different scheduling react to that.
V. Compare all 5 of your chosen scheduling.
VI. Write a report including your code and show the comparison with a conclusion of pros and cons for each scheduling.
VII. Submit your report on Canvas.

** It is an individual project; Plagiarism will be checked and any academic dishonesty will be treated as mentioned in the syllabus.

Let me know if you have any questions!