

### Problem

1. Consider the Reader writer problem and provide the solutions for Race condition using peterson solutions
2. Calculate Waiting time, Turnaround time for each process and also calculate the average Turnaround time and Average Waiting time (Assume 5 different process with different arrival time and burst time):
  - a. First Come First Serve
  - b. Round Robin
  - c. Shortest Job First
  - d. Priority