1. (True/False) Suppose I have a scheduler that every 1/1000 of a second picks a process completely at random from among the processes that want the CPU. It’s wait time is sometimes **shorter** than shortest job remaining (depending on your luck)
2. (True/False) Suppose I have a scheduler that every 1/1000 of a second picks a process completely at random from among the processes that want the CPU. It’s wait time is sometimes **longer** than shortest job remaining (depending on your luck)
3. Who is running at time 2 given the stuff below? Priority Scheduling without preemption.
Process A arrives at time 0 and needs 3 and has priority 5 (lo)
Process A arrives at time 2 and needs 2 and has priority 1 (high)
Process A arrives at time 1 and needs 3 and has priority 3 (mid)
4. Who is running at time 2 given the stuff below? FCFS with preemption.
Process A arrives at time 0 and needs 3 and has priority 5 (lo)
Process A arrives at time 2 and needs 2 and has priority 1 (high)
Process A arrives at time 1 and needs 3 and has priority 3 (mid)
5. What is the solution to starvation. I want either the name (one word answer) or describe it in a sentence.
6. X was a colony of Y. Pick any two nations for which this is true.
7. I (the prof) have five students who want attention. I use round robin with a scheduling quantum of 7 seconds. Do you like this or not, and why?