LAB 2
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1)
The advantages of our implementation are that we take into account the quantum along with the count of how often this process has already run, hence this reduces processes from taking up cpu usage multiple times. We also differentiate between system and user processes so that System processes get a higher chance of running.

The disadvantages are we do not account for device drivers to allow them to use resched_cntl() etc. their processes might be stalled. Also, since daemon is non preemptive, hence it keeps taking up CPU usage.

2)
I used numerous methods such as changing priorities and sleep times, to test how the scheduler reacts to CPU intensive processes. I also created system processes to see how they affect the scheduler.