

6. Exercises

Exercises from the book using [process-run.py](#):

1. Run process-run.py with the following flags: -l 5:100,5:100. What should the CPU utilization be (e.g., the percent of time the CPU is in use?) Why do you know this? Use the -c and -p flags to see if you were right.
2. Now run with these flags: ./process-run.py -l 4:100,1:0. These flags specify one process with 4 instructions (all to use the CPU), and one that simply issues an I/O and waits for it to be done. How long does it take to complete both processes? Use -c and -p to find out if you were right.
3. Switch the order of the processes: -l 1:0,4:100. What happens now? Does switching the order matter? Why? (As always, use -c and -p to see if you were right)