README

1) FCFS

- Iteration is done over the proc table to choose the process which arrived first and then it is executed first. Everytime this is done to select the process which arrived first.

2) PRIORITY

- Iteration is done over the proc table to select the process with the lowest priority and then that is executed first. Everytime this is done and the process having the lowest priority among all the process will be executed first.

3) MLFQ

- Process having least CPU time is pushed in the first queue. Then iteration is done over all the queues starting from the first and if a process is found then it is executed for certain ticks which is defined for each level. If after this process is still in the runnable state then it is pushed down otherwise it is removed from the queue.
- Also iteration is made over each of the queues to see if it has been not executed for more than a particular number of ticks, which is basically starvation time, then it pushed one level up.

COMPARISON TIMES

When the benchmark program was run for various policies this were the times recorded for each policy

- FCFS Time -> 1322
- PRIORITY Time -> 1323
- DEFAULT Time -> 1312
- MLFQ Time -> 1308