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PERFORMANCE ANALYSIS

1.Round Robin Scheduling algorithm – It is a quite efficient algorithm as every process is preempted after a fixed amount of time . So every process gets equal amount of time and no process gets starvation.

2.FCFS – It is less efficient algorithm as a process with less creation time (process which is started early) takes cpu time and until it’s not finished no other process can take cpu time.So its quite inefficient algorithm.

3.PBS – It is also a quite less efficient algorithm as process with highest priority keeps on running and a process with low priority may gets starvated .

4.MLFQ – It is the best algorithm among these as every process gets chance to get cpu time due to aging.

RESULTS

for command ls-

	RUN TIME	WAIT TIME
1.ROUND ROBIN	38	3
2.FCFS	25	6
3.PBS	39	5
4.MLFQ	23	7

MLFQ PROCESSES

I/O bound processes changes their queue rarely as they tend to remain in same queue whereas CPU bound processes keeps on changing queue as after time slice of a particular queue we move the process to lower priority.