Pre Lab 3

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Shortest Job First (SJF):

Process with the shortest Job gets priority, Jobs ready are put into a que which is where the decision is made. SJF needs to know execution time in advance

Firs Come First Serve(FIFO):

first in fist out, like a que, whatever job showed up first is the one that will be executed

Foreground-Background:

priority baed scheduling. Periodic tasks are foreground, Aperiodic are background. Foreground task have priority.

Round Robin(RR):

Whenever a job is ready is it put in a que, the que cycles through the jobs in a FIFO priority. If the Job exceeds its “Quantum” Time limit, it is interrupted for the next task

Polled Scheduling:

waiting for an external device to check for its readiness or state

Priority Based Scheduling:

Jobs are assigned a priority value based on the developer. Jobs with Higher priority that are ready will execute first.

Priority Inversion:

Simply the opposite of a Priority Based Scheduling.

Stavarion:

A low priority task is not able to execute because of Higher priority is hogging a shared resource. The task can be starved in several ways. Interrupting due to higher priority, Higher priorty task are faster and beat the Low priority to the resource, The Priority task never gives up the shared resource.