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Write down the differences between short term and long term scheduler

| Short Term | Long Term |
| --- | --- |
| It is used for selecting one process from ready state for scheduling it on running state | It brings the new process to the ready state |
| It has less control over the degree if multiprogramming | It controls the degree if multi programming |
| It selects the process more frequently | It selects the process less frequently |
| It is alternatively called CPU Scheduler | It is alternatively called Job Scheduler |
| It is there in batch system and is minimally present in time sharing system also. | It is there in batch systems but it may or may not be present in Time sharing System |

2. When the mid-term schedulers are used ?

Mid term schedulers are used for suspending and resuming the process. It mainly does swapping moving from main memory to disk and vice versa.