EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: python3 scheduler.py -p FIFO -l 27,13,6,57

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **27** | **0** | Job 0 | | **27** | **40** | **27** | Job 1 | | **40** | **46** | **40** | Job 2 | | **46** | **103** | **46** | Job 3 | | **25.75** | **51.5** | **25.75** | **Average:** | |

SJF

Command line: python3 scheduler.py -p SJF -l 27,13,6,57

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **6** | **0** | Job 0 | | **6** | **19** | **6** | Job 1 | | **19** | **40** | **19** | Job 2 | | **40** | **97** | **40** | Job 3 | | **16.25** | **40.5** | **16.25** | **Average:** | |

RR Quantum=25

Command line: python3 scheduler.py -p RR -l 27,13,6,57 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **44** | **71** | **0** | Job 0 | | **58** | **103** | **25** | Job 1 | | **38** | **44** | **38** | Job 2 | | **44** | **69** | **44** | Job 3 | | **46** | **71.75** | **26.75** | **Average:** | |

RR Quantum=50

Command line: python3 scheduler.py -p RR -l 27,13,6,57 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **27** | **0** | Job 0 | | **27** | **40** | **27** | Job 1 | | **40** | **46** | **40** | Job 2 | | **46** | **103** | **46** | Job 3 | | **25.75** | **51.5** | **25.75** | **Average:** | |