EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: python3 scheduler.py -p FIFO -l 26,64,80,86

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | 0 | 26 | 0 | 0 | | 26 | 90 | 26 | 1 | | 90 | 170 | 90 | 2 | | 170 | 256 | 170 | 3 | | 71.5 | 135.5 | 71.5 | **Average:** | |

SJF

Command line: python3 scheduler.py -p SJF -l 26,64,80,86

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | 0 | 26 | 0 | 0 | | 26 | 90 | 26 | 1 | | 90 | 170 | 90 | 2 | | 170 | 256 | 170 | 3 | | 71.5 | 135.5 | 71.5 | **Average:** | |

RR Quantum=25

Command line: python3 scheduler.py -p RR -l 26,64,80,86 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | 75 | 101 | 0 | 0 | | 126 | 190 | 25 | 1 | | 165 | 245 | 50 | 2 | | 170 | 256 | 75 | 3 | | 134 | 198 | 37.5 | **Average:** | |

RR Quantum=50

Command line: python3 scheduler.py -p RR -l 26,64,80,86 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | 0 | 26 | 0 | 0 | | 126 | 190 | 26 | 1 | | 140 | 220 | 76 | 2 | | 170 | 256 | 126 | 3 | | 109 | 173 | 57 | **Average:** | |