EE463

Lab#5 CPU Scheduling (activity)

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FIFO

Command line: python scheduler.py -p FIFO -l 6,68,70,60

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **6** | **0** | 0 | | **6** | **74** | **6** | 1 | | **74** | **144** | **74** | 2 | | **144** | **204** | **144** | 3 | | **56** | **107** | **56** | **Average:** | |

SJF

Command line: python scheduler.py -p SJF -l 6,68,70,60

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **6** | **0** | 0 | | **6** | **66** | **6** | 3 | | **66** | **134** | **66** | 1 | | **134** | **204** | **134** | 2 | | **51.5** | **102.5** | **51.5** | **Average:** | |

RR Quantum=25

Command line: python scheduler.py -p RR -l 6,68,70,60 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **6** | **0** | 0 | | **106** | **174** | **6** | 1 | | **124** | **194** | **31** | 2 | | **144** | **204** | **56** | 3 | | **93.5** | **144.5** | **23.25** | **Average:** | |

RR Quantum=50

Command line: python scheduler.py -p RR -l 6,68,70,60 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **6** | **0** | 0 | | **106** | **174** | **6** | 1 | | **124** | **194** | **56** | 2 | | **144** | **204** | **106** | 3 | | **93.5** | **144.5** | **42** | **Average:** | |