EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: python3 scheduler.py -p FIFO -l 86,82,94,5

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **86** | **0** | 0 | | **86** | **168** | **86** | 1 | | **168** | **262** | **168** | 2 | | **262** | **267** | **262** | 3 | | **129** | **195.75** | **129** | **Average:** | |

SJF

Command line: python3 scheduler.py -p SJF -l 86,82,94,5

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **87** | **173** | **87** | 0 | | **5** | **87** | **5** | 1 | | **173** | **267** | **173** | 2 | | **0** | **5** | **0** | 3 | | **66.25** | **133** | **66.25** | **Average:** | |

RR Quantum=25

Command line: python3 scheduler.py -p RR -l 86,82,94,5 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **155** | **241** | **0** | 0 | | **166** | **248** | **25** | 1 | | **173** | **267** | **50** | 2 | | **75** | **80** | **75** | 3 | | **142.25** | **209** | **37.5** | **Average:** | |

RR Quantum=50

Command line: python3 scheduler.py -p RR -l 86,82,94,5 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **105** | **191** | **0** | 0 | | **141** | **223** | **50** | 1 | | **173** | **267** | **100** | 2 | | **150** | **155** | **150** | 3 | | **142.25** | **209** | **75** | **Average:** | |