EE463

Lab#5 CPU Scheduling (activity)

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FIFO

Command line: $ python scheduler.py -p FIFO -l 61,7,59,12

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **61** | **0** | 0 | | **61** | **68** | **61** | 1 | | **68** | **127** | **68** | 2 | | **127** | **139** | **127** | 3 | | **64** | **98.75** | **64** | **Average:** | |

SJF

Command line: $ python scheduler.py -p SJF -l 61,7,59,12

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **78** | **139** | **78** | 0 | | **0** | **7** | **0** | 1 | | **19** | **78** | **19** | 2 | | **7** | **19** | **7** | 3 | | **26** | **60.75** | **26** | **Average:** | |

RR Quantum=25

Command line: $ python scheduler.py -p RR -l 61,7,59,12 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **69** | **130** | **0** | 0 | | **25** | **32** | **25** | 1 | | **80** | **139** | **32** | 2 | | **57** | **69** | **57** | 3 | | **57.75** | **92.5** | **28.5** | **Average:** | |

RR Quantum=50

Command line: $ python scheduler.py -p RR -l 61,7,59,12 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **69** | **130** | **0** | 0 | | **50** | **57** | **50** | 1 | | **80** | **139** | **57** | 2 | | **107** | **119** | **107** | 3 | | **76.5** | **111.25** | **53.5** | **Average:** | |