EE463

Lab#5 CPU Scheduling (activity)

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FIFO

Command line: python scheduler.py -p FIFO -l 43,67,18,89

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **43** | **0** | 0 | | **43** | **110** | **43** | 1 | | **110** | **128** | **110** | 2 | | **128** | **217** | **128** | 3 | | **70.25** | **124.50** | **70.25** | **Average:** | |

SJF

Command line: python scheduler.py -p SJF -l 43,67,18,89

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **18** | **0** | 2 | | **18** | **61** | **18** | 0 | | **61** | **128** | **61** | 1 | | **128** | **217** | **128** | 3 | | **51.75** | **106** | **51.75** | **Average:** | |

RR Quantum=25

Command line: python scheduler.py -p RR -l 43,67,18,89 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **68** | **111** | **0** | 0 | | **111** | **178** | **25** | 1 | | **50** | **68** | **50** | 2 | | **128** | **217** | **68** | 3 | | **89.25** | **143.50** | **35.75** | **Average:** | |

RR Quantum=50

Command line: python scheduler.py -p RR -l 43,67,18,89 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **43** | **0** | 0 | | **111** | **178** | **43** | 1 | | **93** | **111** | **93** | 2 | | **128** | **217** | **111** | 3 | | **83** | **137.25** | **61.75** | **Average:** | |