EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: $ python3 scheduler.py -p FIFO -l 18,21,71,29

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **18** | **0** | 0 | | **18** | **39** | **18** | 1 | | **39** | **110** | **39** | 2 | | **110** | **139** | **110** | 3 | | **41.75** | **76.5** | **41.75** | **Average:** | |

SJF

Command line: $ python3 scheduler.py -p SJF -l 18,21,71,29

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **18** | **0** | 0 | | **18** | **39** | **18** | 1 | | **68** | **139** | **68** | 2 | | **39** | **68** | **39** | 3 | | **31.25** | **66** | **31.25** | **Average:** | |

RR Quantum=25

Command line: $ python3 scheduler.py -p RR -l 18,21,71,29 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **18** | **0** | 0 | | **18** | **39** | **25** | 1 | | **68** | **139** | **50** | 2 | | **89** | **118** | **75** | 3 | | **43.75** | **78.5** | **37.5** | **Average:** | |

RR Quantum=50

Command line: $ python3 scheduler.py -p RR -l 18,21,71,29 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **18** | **0** | 0 | | **18** | **39** | **50** | 1 | | **68** | **139** | **100** | 2 | | **89** | **118** | **150** | 3 | | **43.75** | **78.5** | **75** | **Average:** | |