EE463

Lab#5 CPU Scheduling (activity)

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FIFO

Command line: python scheduler.py -p FIFO -l 30,99,3,79

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **30** | **0** | 0 | | **30** | **129** | **30** | 1 | | **129** | **132** | **129** | 2 | | **132** | **211** | **132** | 3 | | **72.75** | **125.50** | **72.25** | **Average:** | |

SJF

Command line: python scheduler.py -p SJF -l 30,99,3,79

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **3** | **0** | 2 | | **3** | **33** | **3** | 0 | | **33** | **112** | **33** | 3 | | **112** | **211** | **112** | 1 | | **37** | **89.75** | **37** | **Average:** | |

RR Quantum=25

Command line: python scheduler.py -p RR -l 30,99,3,79 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **53** | **83** | **0** | 0 | | **108** | **207** | **25** | 1 | | **50** | **53** | **50** | 2 | | **132** | **211** | **53** | 3 | | **85.75** | **138.5** | **32** | **Average:** | |

RR Quantum=50

Command line: python scheduler.py -p RR -l 30,99,3,79 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **30** | **0** | 0 | | **83** | **182** | **30** | 1 | | **80** | **83** | **80** | 2 | | **132** | **211** | **83** | 3 | | **73.75** | **126.50** | **48.25** | **Average:** | |