EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: $ python3 scheduler.py -p FIFO -l 48,9,100,1

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **48** | **0** | 0 | | **48** | **57** | **48** | 1 | | **57** | **157** | **57** | 2 | | **157** | **158** | **157** | 3 | | **65.5** | **105** | **65.5** | **Average:** | |

SJF

Command line: $ python3 scheduler.py -p SJF -l 48,9,100,1

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **10** | **58** | **10** | 0 | | **1** | **10** | **1** | 1 | | **58** | **158** | **58** | 2 | | **0** | **1** | **0** | 3 | | **17.25** | **56.75** | **17.25** | **Average:** | |

RR Quantum=25

Command line: $ python3 scheduler.py -p RR -l 48,9,100,1 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **35** | **83** | **0** | 0 | | **25** | **34** | **25** | 1 | | **58** | **158** | **34** | 2 | | **59** | **60** | **59** | 3 | | **44.25** | **83.75** | **29.5** | **Average:** | |

RR Quantum=50

Command line: $ python3 scheduler.py -p RR -l 48,9,100,1 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **48** | **0** | 0 | | **48** | **57** | **48** | 1 | | **58** | **158** | **57** | 2 | | **107** | **108** | **107** | 3 | | **53.25** | **92.75** | **53** | **Average:** | |