EE463

Lab#5 CPU Scheduling (activity)

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FIFO

Command line: $ python scheduler.py -p FIFO -l 9,86,59,100

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **9** | **0** | 0 | | **9** | **95** | **9** | 1 | | **95** | **154** | **95** | 2 | | **154** | **254** | **154** | 3 | | **64.5** | **128** | **64.5** | **Average:** | |

SJF

Command line: $ python scheduler.py -p SJF -l 9,86,59,100

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **9** | **0** | 0 | | **9** | **68** | **9** | 2 | | **68** | **154** | **68** | 1 | | **154** | **254** | **154** | 3 | | **57.75** | **121.25** | **57.75** | **Average:** | |

RR Quantum=25

Command line: python scheduler.py -p RR -l 9,86,59,100 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **9** | **0** | 0 | | **143** | **229** | **9** | 1 | | **134** | **193** | **34** | 2 | | **154** | **254** | **59** | 3 | | **107.75** | **171.25** | **25.5** | **Average:** | |

RR Quantum=50

Command line: python scheduler.py -p RR -l 9,86,59,100 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **9** | **0** | 0 | | **109** | **195** | **9** | 1 | | **145** | **204** | **59** | 2 | | **154** | **254** | **109** | 3 | | **102** | **165.5** | **44.25** | **Average:** | |