EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: **$ python3 scheduler.py -p FIFO -l 70,52,18,68**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0.00** | **70.0** | **0.00** | 0 | | **70.00** | **122.0** | **70.00** | 1 | | **122.00** | **140.0** | **122.00** | 2 | | **140.00** | **208.0** | **140.00** | 3 | | **83.00** | **135.00** | **83.00** | **Average:** | |

SJF

Command line: **$ python3 scheduler.py -p SJF -l 70,52,18,68**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **138.00** | **208.00** | **138.00** | 0 | | **18.00** | **70.00** | **18.00** | 1 | | **0.00** | **18.00** | **0.00** | 2 | | **70.00** | **138.00** | **70.00** | 3 | | **56.5** | **108.5** | **56.5** | **Average:** | |

RR Quantum=25

Command line: **$ python3 scheduler.py -p RR -l 70,52,18,68 -q 25**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **118.00** | **188.00** | **0.00** | 0 | | **138.00** | **190.00** | **25.00** | 1 | | **50.00** | **68.00** | **50.00** | 2 | | **140.00** | **208.00** | **68.00** | 3 | | **149** | **163.5** | **35.75** | **Average:** | |

RR Quantum=50

Command line: **$ python3 scheduler.py -p RR -l 70,52,18,68 -q 50**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **118** | **188.00** | **0.00** | 0 | | **168** | **190.00** | **50.00** | 1 | | **100** | **118.00** | **100.00** | 2 | | **140** | **208.00** | **118.00** | 3 | | **131.5** | **176.00** | **67.00** | **Average:** | |