EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: python3 scheduler.py -p FIFO -l 97,62,31,8

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **97** | **0** | 0 | | **97** | **159** | **97** | 1 | | **159** | **190** | **159** | 2 | | **190** | **198** | **190** | 3 | | **111.5** | **161** | **111.5** | **Average:** | |

SJF

Command line: python3 scheduler.py -p SJF -l 97,62,31,8

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **101** | **198** | **101** | 0 | | **39** | **101** | **39** | 1 | | **8** | **39** | **8** | 2 | | **0** | **8** | **0** | 3 | | **37** | **86.5** | **37** | **Average:** | |

RR Quantum=25

Command line: python3 scheduler.py -p RR -l 97,62,31,8 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **101** | **198** | **0** | 0 | | **114** | **176** | **25** | 1 | | **108** | **139** | **50** | 2 | | **75** | **83** | **75** | 3 | | **99.5** | **149** | **26.25** | **Average:** | |

RR Quantum=50

Command line: python3 scheduler.py -p RR -l 97,62,31,8 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **89** | **186** | **0** | 0 | | **136** | **198** | **50** | 1 | | **100** | **131** | **100** | 2 | | **131** | **139** | **131** | 3 | | **114** | **163.5** | **70.25** | **Average:** | |