EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: $ python3 scheduler.py -p FIFO -l 92,10,4,82

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **92** | **0** | 92 | | **92** | **102** | **92** | 10 | | **102** | **106** | **102** | 4 | | **106** | **188** | **106** | 82 | | **75** | **122** | **75** | **Average:** | |

SJF

Command line: $ python3 scheduler.py -p SJF -l 92,10,4,82

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **96** | **188** | **96** | 92 | | **4** | **14** | **4** | 10 | | **0** | **4** | **0** | 4 | | **14** | **96** | **14** | 82 | | **28.5** | **75.5** | **28.5** | **Average:** | |

RR Quantum=25

Command line: $ python3 scheduler.py -p RR -l 92,10,4,82 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **89** | **181** | **0** | 92 | | **25** | **35** | **25** | 10 | | **35** | **39** | **35** | 4 | | **106** | **188** | **39** | 82 | | **63.75** | **110.75** | **99** | **Average:** | |

RR Quantum=50

Command line: $ python3 scheduler.py -p RR -l 92,10,4,82 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **64** | **156** | **0** | 92 | | **50** | **60** | **50** | 10 | | **60** | **64** | **60** | 4 | | **106** | **188** | **64** | 82 | | **70** | **117** | **43.5** | **Average:** | |