EE463

Lab#5 CPU Scheduling (activity)

Name: Moad Alshikh Id# 1937343

FIFO

Command line: python scheduler.py -p FIFO -l 40,31,21,33

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **40** | **0** | 0 | | **40** | **71** | **40** | 1 | | **71** | **92** | **71** | 2 | | **92** | **125** | **92** | 3 | | **50.75** | **82** | **50.75** | **Average:** | |

SJF

Command line: python scheduler.py -p SJF -l 40,31,21,33

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **21** | **0** | 2 | | **21** | **52** | **21** | 1 | | **52** | **85** | **52** | 3 | | **85** | **125** | **85** | 0 | | **39.5** | **70.75** | **39.5** | **Average:** | |

RR Quantum=25

Command line: python scheduler.py -p RR -l 40,31,21,33 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **71** | **111** | **0** | 0 | | **86** | **117** | **25** | 1 | | **50** | **71** | **50** | 2 | | **92** | **125** | **71** | 3 | | **74.75** | **106** | **36.5** | **Average:** | |

RR Quantum=50

Command line: python scheduler.py -p RR -l 40,31,21,33 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **40** | **0** | 0 | | **40** | **71** | **40** | 1 | | **71** | **92** | **71** | 2 | | **92** | **125** | **92** | 3 | | **50.75** | **82** | **50.75** | **Average:** | |