EE463

Lab#5 CPU Scheduling (activity)

Name: Ahmed Alsaggaf Id# 2036616

FIFO

Command line: $ python scheduler.py -p FIFO -l 5,14,39,22

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **5** | **0** | 0 | | **5** | **19** | **5** | 1 | | **19** | **58** | **19** | 2 | | **58** | **80** | **58** | 3 | | **20.5** | **40.5** | **20.5** | **Average:** | |

SJF

Command line: $ python scheduler.py -p SJF -l 5,14,39,22

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **5** | **0** | 0 | | **5** | **19** | **5** | 1 | | **41** | **80** | **41** | 2 | | **19** | **41** | **19** | 3 | | **16.25** | **36.25** | **16.25** | **Average:** | |

RR Quantum=25

Command line: $ python scheduler.py -p RR -l 5,14,39,22 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **5** | **0** | 0 | | **5** | **19** | **5** | 1 | | **41** | **80** | **19** | 2 | | **44** | **66** | **44** | 3 | | **22.5** | **42.5** | **17** | **Average:** | |

RR Quantum=50

Command line: $ python scheduler.py -p RR -l 5,14,39,22 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **5** | **0** | 0 | | **5** | **19** | **5** | 1 | | **19** | **58** | **19** | 2 | | **58** | **80** | **58** | 3 | | **20.5** | **40.5** | **20.5** | **Average:** | |