EE463

Lab#5 CPU Scheduling (activity)

Name: Hatem Alsolami Id# 1740270

FIFO

Command line: python scheduler.py -p FIFO -l 60,57,13,61

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **60** | **0** |  | | **60** | **117** | **60** |  | | **117** | **130** | **117** |  | | **130** | **191** | **130** |  | | **76.75** | **124.5** | **76.75** | **Average:** | |

SJF

Command line: python scheduler.py -p SJF -l 60,57,13,61

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **70** | **130** | **70** |  | | **13** | **70** | **13** |  | | **0** | **13** | **0** |  | | **130** | **191** | **130** |  | | **53.25** | **101** | **53.25** | **Average:** | |

RR Quantum=25

Command line: python scheduler.py -p RR -l 60,57,13,61 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **113** | **173** | **0** |  | | **123** | **180** | **50** |  | | **100** | **113** | **100** |  | | **130** | **191** | **113** |  | | **116.5** | **164.25** | **65.75** | **Average:** | |

RR Quantum=50

Command line: python scheduler.py -p RR -l 60,57,13,61 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **113** | **173** | **0** |  | | **123** | **180** | **25** |  | | **50** | **63** | **50** |  | | **130** | **191** | **63** |  | | **104** | **151.75** | **34.5** | **Average:** | |