EE463

Lab#7 CPU Scheduling (activity)

Name: Turki Safar Alzahrani Id# 1935944

FIFO

Command line: $ python3 scheduler.py -p FIFO -l 77,57,59,89

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **0** | **77** | **0** | 0 | | **77** | **137** | **77** | 1 | | **134** | **193** | **134** | 2 | | **193** | **282** | **193** | 3 | | **101** | **171.5** | **101** | **Average:** | |

SJF

Command line: $ python3 scheduler.py -p SJF -l 77,57,59,89

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **116** | **193** | **116** | 0 | | **0** | **57** | **0** | 1 | | **57** | **116** | **57** | 2 | | **193** | **282** | **193** | 3 | | **91.5** | **162** | **91.5** | **Average:** | |

RR Quantum=25

Command line: $ python3 scheduler.py -p RR -l 77,57,59,89 -q 25

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **191** | **268** | **0** | 0 | | **175** | **232** | **25** | 1 | | **182** | **241** | **50** | 2 | | **193** | **282** | **75** | 3 | | **185.25** | **255.75** | **37.5** | **Average:** | |

RR Quantum=50

Command line: $ python3 scheduler.py -p RR -l 77,57,59,89 -q 50

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  | | --- | --- | --- | --- | | **Wait** | **Turnaround** | **Response** | **Job Number** | | **150** | **227** | **0** | 0 | | **127** | **234** | **50** | 1 | | **84** | **243** | **100** | 2 | | **43** | **282** | **150** | 3 | | **101** | **246.5** | **75** | **Average:** | |