

EE463

Lab#7 CPU Scheduling (activity)

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FIFO

Command line: `$ python3 scheduler.py -p FIFO -l 87,40,49,5`

Job Number	Response	Turnaround	Wait
1	0	87	0
2	87	127	87
3	127	176	127
4	176	181	176
Average:	$390/4 = 97.5$	$571/4 = 142.75$	$390/4 = 97.5$

SJF

Command line: `$ python3 scheduler.py -p SJF -l 87,40,49,5`

Job Number	Response	Turnaround	Wait
1	0	181	94
2	5	45	5
3	45	04	45
4	94	5	0
Average:	$144/4 = 36$	$325/4 = 81.25$	$144/4 = 36$

RR Quantum=25

Command line: `$ python3 scheduler.py -p RR -l 87,40,49,5 -q 25`

Job Number	Response	Turnaround	Wait
1	0	181	94
2	25	120	80
3	50	144	95
4	75	80	75
Average:	$150/4 = 37.5$	$525/4 = 131.25$	$344/4 = 86$

RR Quantum=50

Command line: `$ python3 scheduler.py -p RR -l 87,40,49,5 -q 50`

Job Number	Response	Turnaround	Wait
1	0	181	94
2	50	90	50
3	90	139	90
4	139	144	139
Average:	$279/4 = 69.75$	$554/4 = 138.5$	$373/4 = 93.25$