Table of Contents

[fcfs 1](#_Toc191591465)

[sjf 2](#_Toc191591466)

[priority 2](#_Toc191591467)

[rr 3](#_Toc191591468)

[priority\_rr 4](#_Toc191591469)

# fcfs

Running task = [T1] [ 4] [20] for 20 units.

Time is now: 21

Running task = [T2] [ 3] [25] for 25 units.

Time is now: 47

Running task = [T3] [ 3] [25] for 25 units.

Time is now: 73

Running task = [T4] [ 5] [15] for 15 units.

Time is now: 89

Running task = [T5] [ 5] [20] for 20 units.

Time is now: 110

Running task = [T6] [ 1] [10] for 10 units.

Time is now: 121

Running task = [T7] [ 3] [30] for 30 units.

Time is now: 152

Running task = [T8] [10] [25] for 25 units.

Time is now: 178

CPU Utilization: 0.000000%

...| T1 | T2 | T3 | T4 | T5 | T6 | T7 | T8 |

TAT| 21 | 47 | 73 | 89 | 110 | 121 | 152 | 178 |

WT | 1 | 22 | 48 | 74 | 90 | 111 | 122 | 153 |

RT | 21 | 47 | 73 | 89 | 110 | 121 | 152 | 178 |

# sjf

Running task = [T6] [ 1] [10] for 10 units.

Time is now: 11

Running task = [T8] [10] [25] for 25 units.

Time is now: 37

Running task = [T4] [ 5] [15] for 15 units.

Time is now: 53

Running task = [T5] [ 5] [20] for 20 units.

Time is now: 74

Running task = [T1] [ 4] [20] for 20 units.

Time is now: 95

Running task = [T2] [ 3] [25] for 25 units.

Time is now: 121

Running task = [T3] [ 3] [25] for 25 units.

Time is now: 147

Running task = [T7] [ 3] [30] for 30 units.

Time is now: 178

# priority

Running task = [T8] [10] [25] for 25 units.

Time is now: 26

Running task = [T4] [ 5] [15] for 15 units.

Time is now: 42

Running task = [T5] [ 5] [20] for 20 units.

Time is now: 63

Running task = [T1] [ 4] [20] for 20 units.

Time is now: 84

Running task = [T2] [ 3] [25] for 25 units.

Time is now: 110

Running task = [T3] [ 3] [25] for 25 units.

Time is now: 136

Running task = [T7] [ 3] [30] for 30 units.

Time is now: 167

Running task = [T6] [ 1] [10] for 10 units.

Time is now: 178

# rr

Running task = [T8] [10] [25] for 10 units.

Time is now: 11

Running task = [T7] [ 3] [30] for 10 units.

Time is now: 22

Running task = [T6] [ 1] [10] for 10 units.

Time is now: 33

Running task = [T5] [ 5] [20] for 10 units.

Time is now: 44

Running task = [T4] [ 5] [15] for 10 units.

Time is now: 55

Running task = [T3] [ 3] [25] for 10 units.

Time is now: 66

Running task = [T2] [ 3] [25] for 10 units.

Time is now: 77

Running task = [T1] [ 4] [20] for 10 units.

Time is now: 88

Running task = [T8] [10] [25] for 10 units.

Time is now: 99

Running task = [T7] [ 3] [30] for 10 units.

Time is now: 110

Running task = [T5] [ 5] [20] for 10 units.

Time is now: 121

Running task = [T4] [ 5] [15] for 5 units.

Time is now: 127

Running task = [T3] [ 3] [25] for 10 units.

Time is now: 138

Running task = [T2] [ 3] [25] for 10 units.

Time is now: 149

Running task = [T1] [ 4] [20] for 10 units.

Time is now: 160

Running task = [T8] [10] [25] for 5 units.

Time is now: 166

Running task = [T7] [ 3] [30] for 10 units.

Time is now: 177

Running task = [T3] [ 3] [25] for 5 units.

Time is now: 183

Running task = [T2] [ 3] [25] for 5 units.

Time is now: 189

# priority\_rr

Running task = [T8] [10] [25] for 10 units.

Time is now: 11

Running task = [T8] [10] [25] for 10 units.

Time is now: 22

Running task = [T8] [10] [25] for 5 units.

Time is now: 28

Running task = [T4] [ 5] [15] for 10 units.

Time is now: 39

Running task = [T5] [ 5] [20] for 10 units.

Time is now: 50

Running task = [T4] [ 5] [15] for 5 units.

Time is now: 56

Running task = [T5] [ 5] [20] for 10 units.

Time is now: 67

Running task = [T1] [ 4] [20] for 10 units.

Time is now: 78

Running task = [T1] [ 4] [20] for 10 units.

Time is now: 89

Running task = [T2] [ 3] [25] for 10 units.

Time is now: 100

Running task = [T3] [ 3] [25] for 10 units.

Time is now: 111

Running task = [T7] [ 3] [30] for 10 units.

Time is now: 122

Running task = [T2] [ 3] [25] for 10 units.

Time is now: 133

Running task = [T3] [ 3] [25] for 10 units.

Time is now: 144

Running task = [T7] [ 3] [30] for 10 units.

Time is now: 155

Running task = [T2] [ 3] [25] for 5 units.

Time is now: 161

Running task = [T3] [ 3] [25] for 5 units.

Time is now: 167

Running task = [T7] [ 3] [30] for 10 units.

Time is now: 178

Running task = [T6] [ 1] [10] for 10 units.

Time is now: 189

CPU Utilization: 0.000000%