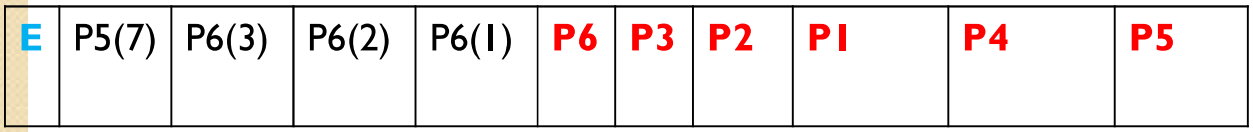
# SJF Premptive version - SRT

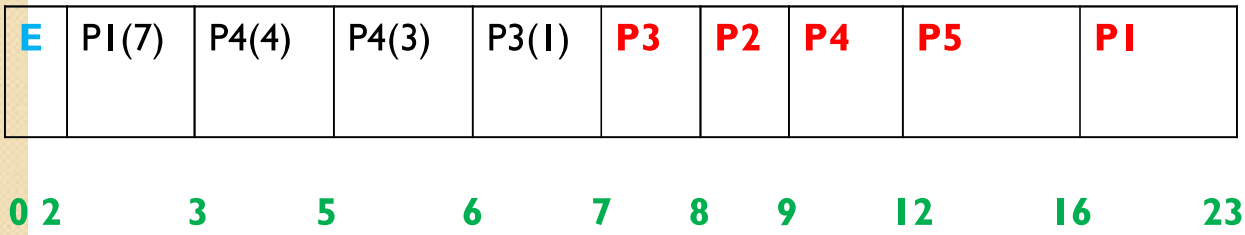
| PID/P# | AT | BT | CT/FT | TAT | WT |
|---|---|---|---|---|---|
| 1 | 3 | 4 | 13 | 10 | 6 |
| 2 | 4 | 2 | 9 | 5 | 3 |
| 3 | 5 | 1 | 7 | 2 | 1 |
| 4 | 2 | 6 | 19 | 17 | 11 |
| 5 | 1 | 8 | 26 | 25 | 17 |
| 6 | 2 | 4 | 6 | 4 | 0 |




0 1 2 3 4 5 6 7 9 13 19 26

# SRT – one more example

| PID/P# | AT | BT | CT/FT | TAT | WT |
|---|---|---|---|---|---|
| 1 | 2 | 8 | 23 | 21 | 13 |
| 2 | 7 | 1 | 9 | 2 | 1 |
| 3 | 6 | 2 | 8 | 2 | 0 |
| 4 | 3 | 6 | 12 | 9 | 3 |
| 5 | 5 | 4 | 16 | 11 | 7 |



# Try these following SRT

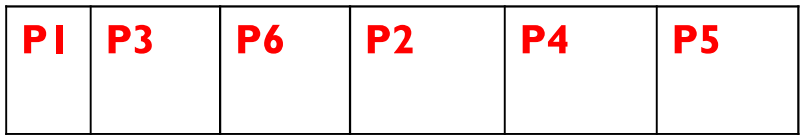
| PID/P# | AT | BT |
|---|---|---|
| 1 | 0 | 5 |
| 2 | 1 | 3 |
| 3 | 2 | 3 |
| 4 | 3 | 1 |

| P# | AT | BT |
|---|---|---|
| 1 | 0 | 20 |
| 2 | 15 | 25 |
| 3 | 30 | 10 |
| 4 | 45 | 15 |
| | | |

| PID/P# | AT | BT |
|---|---|---|
| 1 | 0 | 9 |
| 2 | 1 | 4 |
| 3 | 2 | 9 |

# PRIORITY SCHEDULING - NPE

| PID/P # | AT | BT | PR | CT/FT | TAT | WT |
|---|---|---|---|---|---|---|
| 1 | 0 | 4 | 4 | 4 | 4 | 0 |
| 2 | 1 | 5 | 5 | 16 | 15 | 10 |
| 3 | 2 | 1 | 7 | 5 | 3 | 2 |
| 4 | 3 | 2 | 2 | 18 | 15 | 13 |
| 5 | 4 | 3 | 1 | 21 | 17 | 14 |
| 6 | 5 | 6 | 6 | 11 | 6 | 0 |




Note High priority value indicates higher priority; on some kernels lower values can indicate higher priority. Starvation is a possibility for lower priority processes.