|  |  |  |  |
| --- | --- | --- | --- |
| 4 | | 3 | |
| P0 | 2 | 6 | 5 |
| P1 | 0 | 4 | 3 |
| P2 | 4 | 3 | 3 |
| P3 | 7 | 2 | 2 |

=====================

Text input:

4 3

P0 2 6 5

P1 0 4 3

P2 4 3 3

P3 7 2 2

=====================

FCFS:

|  |  |  |  |
| --- | --- | --- | --- |
| P1 | P0 | P2 | P3 |
| 0 | 4 | 10 | 13 |

|  |  |  |
| --- | --- | --- |
| Process | TT = End - Arrival | WT = TT – Burst |
| P0 | 10 – 2 = 8 | 8 – 6 = 2 |
| P1 | 4 – 0 = 4 | 4 – 4 = 0 |
| P2 | 13 – 4 = 9 | 9 – 3 = 6 |
| P3 | 15 – 7 = 8 | 8 – 2 = 6 |
|  | AVGTT = | AVGWT = |

RR:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| P1 | P0 | P1 | P2 | P0 | P3 |  |
| 0 | 3 | 6 | 7 | 10 | 13 | 15 |

|  |  |  |
| --- | --- | --- |
| Process | TT = End - Arrival | WT = TT – Burst |
| P0 | 13 – 2 = 11 | 11 – 6 = 5 |
| P1 | 7 – 0 = 7 | 7 – 4 = 3 |
| P2 | 10 – 4 = 6 | 6 – 3 = 3 |
| P3 | 15 – 7 = 8 | 8 – 2 = 6 |
|  | AVGTT = | AVGWT = |

SJF:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P1 | P2 | P3 | P0 |  |
| 0 | 4 | 7 | 9 | 15 |

|  |  |  |
| --- | --- | --- |
| Process | TT = End - Arrival | WT = TT – Burst |
| P0 | 15 – 2 = 13 | 13 – 6 = 7 |
| P1 | 4 – 0 = 4 | 4 – 4 = 0 |
| P2 | 7– 4 = 3 | 3 – 3 = 0 |
| P3 | 9 – 7 = 2 | 2 – 2 = 0 |
|  | AVGTT = | AVGWT = |

SRTN:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P1 | P2 | P3 | P0 |  |
| 0 | 4 | 7 | 9 | 15 |

|  |  |  |
| --- | --- | --- |
| Process | TT = End - Arrival | WT = TT – Burst |
| P0 | 15 – 2 = 13 | 13 – 6 = 7 |
| P1 | 4 – 0 = 4 | 4 – 4 = 0 |
| P2 | 7– 4 = 3 | 3 – 3 = 0 |
| P3 | 9 – 7 = 2 | 2 – 2 = 0 |
|  | AVGTT = | AVGWT = |

Priority-NonPreemptive:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P1 | P2 | P3 | P0 |  |
| 0 | 4 | 7 | 9 | 15 |

|  |  |  |
| --- | --- | --- |
| Process | TT = End - Arrival | WT = TT – Burst |
| P0 | 15 – 2 = 13 | 13 – 6 = 7 |
| P1 | 4 – 0 = 4 | 4 – 4 = 0 |
| P2 | 7– 4 = 3 | 3 – 3 = 0 |
| P3 | 9 – 7 = 2 | 2 – 2 = 0 |
|  | AVGTT = | AVGWT = |

Priority-Preemptive:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P1 | P2 | P3 | P0 |  |
| 0 | 4 | 7 | 9 | 15 |

|  |  |  |
| --- | --- | --- |
| Process | TT = End - Arrival | WT = TT – Burst |
| P0 | 15 – 2 = 13 | 13 – 6 = 7 |
| P1 | 4 – 0 = 4 | 4 – 4 = 0 |
| P2 | 7– 4 = 3 | 3 – 3 = 0 |
| P3 | 9 – 7 = 2 | 2 – 2 = 0 |
|  | AVGTT = | AVGWT = |