**Algoritmo FCFS**

|  |  |  |
| --- | --- | --- |
| PROCESO | Tiempo en CPU | Orden de llegada |
| P1 | 6 | 8 |
| P2 | 5 | 5 |
| P3 | 2 | 2 |
| P4 | 7 | 4 |
| P5 | 3 | 5 |

**Algoritmo FCFS**

|  |  |  |
| --- | --- | --- |
| PROCESO | Tiempo en CPU | Ciclo de llegada a la CPU |
| P1 | 6 | 1 |
| P2 | 5 | 5 |
| P3 | 2 | 4 |
| P4 | 7 | 10 |
| P5 | 3 | 12 |

**Algoritmo SJF**

|  |  |  |
| --- | --- | --- |
| PPROCESO | Tiempo de CPU | Ciclo de llegada a la CPU |
| P1 | 8 | 6 |
| P2 | 5 | 1 |
| P3 | 2 | 3 |
| P4 | 4 | 6 |
| P5 | 5 | 13 |

**Round Robin – Quantum = 2**

|  |  |  |
| --- | --- | --- |
| PPROCESO | Tiempo de CPU | Ciclo de llegada a la CPU |
| P1 | 5 | 1 |
| P2 | 4 | 3 |
| P3 | 7 | 4 |
| P4 | 1 | 7 |

**Round Robin – Quantum = 3**

|  |  |  |
| --- | --- | --- |
| PPROCESO | Tiempo de CPU | Ciclo de llegada a la CPU |
| P1 | 7 | 1 |
| P2 | 4 | 4 |
| P3 | 3 | 6 |
| P4 | 5 | 7 |

**Round Robin – Quantum = 2**

|  |  |  |
| --- | --- | --- |
| PPROCESO | Tiempo de CPU | Ciclo de llegada a la CPU |
| P1 | 5 | 1 |
| P2 | 2 | 2 |
| P3 | 8 | 4 |
| P4 | 7 | 6 |
| P5 | 2 | 7 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| P1 |  |  |  |  |  |  |  | E | E | E | E | E | E | E | E | E | E | E | C | C | C | C | C | C |
| P2 |  |  |  |  | E | E | E | E | E | E | E | E | E | C | C | C | C | C |  |  |  |  |  |  |
| P3 |  | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P4 |  |  |  | C | C | C | C | C | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P5 |  |  |  |  | E | E | E | E | E | E | C | C | C |  |  |  |  |  |  |  |  |  |  |  |

C = Proceso en la CPU E = Proceso en espera (Listo)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| P1 | C | C | C | C | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  |  | E | E | E | E | C | C | C | C | C |  |  |  |  |  |  |  |  |  |  |  |
| P3 |  |  |  | E | E | E | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P4 |  |  |  |  |  |  |  |  |  | E | E | E | E | C | C | C | C | C | C | C |  |  |  |  |
| P5 |  |  |  |  |  |  |  |  |  |  |  | E | E | E | E | E | E | E | E | E | C | C | C |  |

C = Proceso en la CPU E = Proceso en espera (Listo)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| P1 |  |  |  |  |  | E | E | E | E | E | E | C | C | C | C | C | C | C | C |  |  |  |  |  |
| P2 | C | C | C | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P3 |  |  | E | E | E | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P4 |  |  |  |  |  | E | E | C | C | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P5 |  |  |  |  |  |  |  |  |  |  |  |  | E | E | E | E | E | E | E | C | C | C | C | C |

C = Proceso en la CPU E = Proceso en espera (Listo)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| P1 | C | C | C | C | C | E | E | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  | E | E | C | C | E | E | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P3 |  |  |  |  |  | E | E | E | E | E | E | E | E | C |  |  |  |  |  |  |  |  |  |  |
| P4 |  |  |  |  |  |  | E | E | E | E | E | C | C | C | C |  |  |  |  |  |  |  |  |  |
| P5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

C = Proceso en la CPU E = Proceso en espera (Listo)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| P1 | C | C | C | C | C | C | E | E | E | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  | E | E | E | C | C | C | E | C |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P3 |  |  |  |  |  | E | E | E | E | E | E | E | E | E | C | C | C |  |  |  |  |  |  |  |
| P4 |  |  |  |  |  |  | E | E | E | E | E | C | C | C | E | E | E | C |  |  |  |  |  |  |
| P5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

C = Proceso en la CPU E = Proceso en espera (Listo)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| P1 | C | C | E | E | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P2 |  | E | C | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P3 |  |  |  | E | E | E | C | C | E | E | C | C | E | E | C | C | E | E | C | C |  |  |  |  |
| P4 |  |  |  |  |  | E | E | E | C | C | E | E | E | E | E | E | C | C | E | E | C | C |  |  |
| P5 |  |  |  |  |  |  | E | E | E | E | E | E | C | C |  |  |  |  |  |  |  |  |  |  |

C = Proceso en la CPU E = Proceso en espera (Listo)