JAWABAN UAS 2020/2021

Nama : Hakim Asrori

Kelas : D3TI.1C

Mata Kuliah : Sistem Operasi

1. FIFO & SJF

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nama Proses | Waktu Tiba | Lama Eksekusi | Mulai Eksekusi | Selesai Eksekusi | Waktu Tunggu | TA |
| A | 0 | 4 | 0 | 4 | 0 | 4 |
| C | 0 | 3 | 4 | 7 | 4 | 7 |
| D | 0 | 6 | 7 | 13 | 7 | 13 |
| F | 0 | 7 | 13 | 17 | 13 | 20 |
| G | 0 | 4 | 17 | 22 | 17 | 21 |
| I | 0 | 5 | 22 | 26 | 22 | 27 |
| J | 0 | 4 | 26 | 33 | 26 | 30 |
| K | 0 | 7 | 33 | 38 | 33 | 40 |
| M | 0 | 5 | 38 | 44 | 38 | 43 |
| N | 0 | 6 | 44 | 49 | 44 | 50 |
| O | 0 | 5 | 49 | 55 | 49 | 54 |
| Q | 0 | 6 | 55 | 57 | 55 | 61 |
| R | 0 | 2 | 57 | 63 | 57 | 59 |
| T | 0 | 6 | 63 | 72 | 63 | 69 |
| U | 0 | 9 | 72 | 74 | 72 | 81 |
| W | 0 | 2 | 74 | 79 | 74 | 76 |
| X | 0 | 5 | 79 | 86 | 79 | 84 |
| B | 1 | 7 | 86 | 95 | 85 | 92 |
| E | 1 | 9 | 95 | 96 | 94 | 103 |
| H | 1 | 1 | 96 | 105 | 95 | 96 |
| L | 1 | 9 | 105 | 111 | 104 | 113 |
| P | 1 | 6 | 111 | 119 | 110 | 116 |
| S | 1 | 8 | 119 | 123 | 118 | 126 |
| V | 1 | 4 | 123 | 127 | 122 | 126 |
| Y | 1 | 4 | 127 | 134 | 126 | 130 |
| Z | 1 | 7 | 134 | 141 | 133 | 140 |
|  | | | | | Jumlah TA | 1781 |
| Rata-Rata | 68,5 |

* FIFO
* SJF

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nama Proses | Waktu Tiba | Lama Eksekusi | Mulai Eksekusi | Selesai Eksekusi | Waktu Tunggu | TA |
| H | 1 | 1 | 0 | 1 | 0 | 1 |
| R | 0 | 2 | 1 | 3 | 1 | 3 |
| W | 0 | 2 | 3 | 5 | 3 | 5 |
| C | 0 | 3 | 5 | 8 | 5 | 8 |
| A | 0 | 4 | 8 | 12 | 8 | 12 |
| G | 0 | 4 | 12 | 16 | 12 | 16 |
| J | 0 | 4 | 16 | 20 | 16 | 20 |
| V | 1 | 4 | 20 | 24 | 19 | 23 |
| Y | 1 | 4 | 24 | 28 | 23 | 27 |
| I | 0 | 5 | 28 | 33 | 28 | 33 |
| M | 0 | 5 | 33 | 38 | 33 | 38 |
| O | 0 | 5 | 38 | 43 | 38 | 43 |
| X | 0 | 5 | 43 | 48 | 43 | 48 |
| D | 0 | 6 | 48 | 54 | 48 | 54 |
| N | 0 | 6 | 54 | 60 | 54 | 60 |
| Q | 0 | 6 | 60 | 66 | 60 | 66 |
| T | 0 | 6 | 66 | 72 | 66 | 72 |
| P | 1 | 6 | 72 | 78 | 71 | 77 |
| F | 0 | 7 | 78 | 85 | 78 | 85 |
| K | 0 | 7 | 85 | 92 | 85 | 92 |
| B | 1 | 7 | 92 | 99 | 91 | 98 |
| Z | 1 | 7 | 99 | 106 | 98 | 105 |
| S | 1 | 8 | 106 | 114 | 105 | 113 |
| U | 0 | 9 | 114 | 123 | 114 | 123 |
| E | 1 | 9 | 123 | 132 | 122 | 131 |
| L | 1 | 9 | 132 | 141 | 131 | 140 |
|  | | | | | Jumlah TA | 1493 |
| Rata-Rata | 57,4 |

1. Shell adalah program yang berisi instruksi, contohnya /bin/sh.
2. hakim@hakim:~$ w
3. **- W** berfungsi untuk melihat user yang aktif.

* **WHO** berfungsi untuk mengetahui user apa yang kita pakai.
* **WHOAMI** berfungsi untuk mengetahui nama user yang dipakai.