**Percobaan FIFO & SJF**

Jika diketahui terdapat 5 macam antrian proses, yaitu A-B-C-D-E dengan waktu kedatangan semuanya 0, 6, 8, 2, 23. Lama proses berturut-turut 5, 2, 6, 8, 3. Pertanyaan:

* Kapan dimulainya eksekusi daritiap-tiap antrian proses tersebut?
* Kapan selesai eksekusinya?
* Hitung Turn Arround Tima(TA)-nya
* Berapa rata-rata TA?

1. FIFO

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nama Proses | Waktu Tiba | Lama Eksekusi | Mulai Eksekusi | Selesai Eksekusi | Waktu Tunggu | TA |
| A | 0 | 5 | 0 | 5 | 0 | 5 |
| D | 2 | 8 | 5 | 13 | 3 | 11 |
| B | 6 | 2 | 13 | 15 | 7 | 9 |
| C | 8 | 6 | 15 | 21 | 7 | 13 |
| E | 23 | 3 | 21 | 24 | 2 | 5 |
|  | | | | | Jumlah TA | 43/5 |
| Rata-rata | 8,6 |

1. SJF

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nama Proses | Waktu Tiba | Lama Eksekusi | Mulai Eksekusi | Selesai Eksekusi | Waktu Tunggu | TA |
| B | 0 | 2 | 0 | 2 | 0 | 2 |
| E | 0 | 3 | 2 | 5 | 2 | 5 |
| A | 0 | 5 | 5 | 10 | 5 | 10 |
| C | 0 | 6 | 10 | 16 | 10 | 16 |
| D | 0 | 8 | 16 | 24 | 16 | 24 |
|  | | | | | Jumlah TA | 57/5 |
| Rata-rata | 11,4 |