**TUGAS PERTEMUAN 3**

**PENGANTAR SISTEM OPERASI**



**Disusun oleh:**

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**PROGRAM STUDI SISTEM INFORMASI**

**FAKULTAS INFORMATIKA**

**UNIVERSITAS BINA INSANI**

**BEKASI**

**2023**

Soal Untuk Algoritma PTD

**SOAL**

|  |  |  |
| --- | --- | --- |
| Nama Proses | Saat tiba | Lama Proses |
| A | 0 | 6 |
| B | 3 | 3 |
| C | 4 | 2 |
| D | 6 | 8 |
| E | 8 | 5 |

Tabel PTD

**JAWABAN**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nama Proses | Saat Tiba | Lama Proses | Saat Mulai | Saat Rampung | Lama Tanggap |
| A | 0 | 6 | 0 | 6 | 6 |
| B | 3 | 3 | 6 | 9 | 6 |
| C | 4 | 2 | 9 | 11 | 7 |
| D | 6 | 8 | 11 | 19 | 13 |
| E | 8 | 5 | 19 | 24 | 16 |
|  | | | | Jumlah | 48 |
| Rerata | 9,6 |

Barisan Proses:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Saat | 0 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | |
| Proses | | A | | A | | A | | A | | A | | A | | B | | B | | B | | C | |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Saat | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 | | 17 | | 18 | | 19 | | 20 | |
| Proses | | C | | D | | D | | D | | D | | D | | D | | D | | D | | E | |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Saat | 20 | | 21 | | 22 | | 23 | | 24 | | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | |
| Proses | | E | | E | | E | | E | |  | |  | |  | |  | |  | |  | |  |