

Implementing FCFS

Features:

- Ask the user for the number of processes to input, ***n*** (infinite loop).
- Then take user input for each of the ***n*** processes- **ProcessID, ProcessName, Duration and ArrivalTime.**
- Show the scheduling **sequence** using FCFS by displaying the following information for each process:
-**Seq.No. -ProcessName -SchedulingTimeline -Turnaround Time**
- Finally calculate the **Average Turnaround Time (ATT)**

Example:

Iteration 1.Input: n=3

```
1. 01  A  40 0
2. 02  B  50 0
3. 03  C  10 5
```

Output:

| Seq.No. | ProcessName | Timeline | Turnaround |
|---------|-------------|----------|------------|
| 1 | A(or B) | 0-40 | 40 |
| 2 | B(or A) | 40-90 | 90 |
| 3 | C | 90-100 | 95 |

A.T.T = 75

Iteration 2.Input: n=2

```
4. 04  D  20 38
5. 05  E  15 25
```

Output:

| | | | |
|---|---------|---------|----|
| 1 | A(or B) | 0-40 | 40 |
| 2 | B(or A) | 40-90 | 90 |
| 3 | C | 90-100 | 95 |
| 4 | E | 100-115 | 90 |
| 5 | D | 115-135 | 97 |

A.T.T = ?