# *Assignment 3: 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 = ?**