In this assignment, I was asked to create a CPU scheduling algorithm problem and implement it using C. I chose to implement the First Come First Serve algorithm.

Input:

Ask the user to enter number of processes then the arrival time and the burst time of each process.

Output:

- The arrival time, burst time, waiting time, and turnaround time of each process
- Average waiting time and average turnaround time.

Note:

The user can enter the processes randomly (not in an ascending order according to the arrival time) but if the user enters more than one process that arrives at the same time, take the first that he entered as first process.

Sample of Input

```
Please Enter Number of processes : 4
Please Enter Process 1 arrival time : 5
Please Enter Process 1 brust time : 10
Please Enter Process 2 arrival time : 5
Please Enter Process 2 brust time : 5
Please Enter Process 3 arrival time : 0
Please Enter Process 3 brust time : 6
Please Enter Process 4 arrival time : 30
Please Enter Process 4 brust time : 5
```

Sample of Output:

Process	Arrival Time	Brust Time	Waiting Time	Turnaround Time
1	5	10	1	11
2	5	5	11	16
3	0	6	0	6
4	30	5	0	5

```
Average Waiting Time : 3.000000
Average Turnaround Time: 9.500000
```