Non Pre-emtive Scheduling Approach

Please Enter Number of Processes : 4

Please Enter Burst Time for Process [1] : 20
Please Enter Arrival Time for Process [1] : 0

Please Enter Burst Time for Process [2] : 36
Please Enter Arrival Time for Process [2] : 5

Please Enter Burst Time for Process [3] : 19
Please Enter Arrival Time for Process [3] : 13

Please Enter Burst Time for Process [4] : 42
Please Enter Arrival Time for Process [4] : 17

Your Entered Values are

```
--------------------------------------
| Process | Arrival Time | Burst Time |
--------------------------------------
|  P[1]   |     0    |    20    |
|  P[2]   |     5    |    36    |
|  P[3]   |    13    |    19    |
|  P[4]   |    17    |    42    |
--------------------------------------
```

Sorting Processes according to Arrival_Time

-------------- Now Values are --------------

```
--------------------------------------
| Process | Arrival Time | Burst Time |
--------------------------------------
|  P[1]   |     0    |    20    |
|  P[2]   |     5    |    36    |
|  P[3]   |    13    |    19    |
|  P[4]   |    17    |    42    |
--------------------------------------
```

-------------- Now Values are --------------

```
---------------------------------------------------------------------------
| Process | Arrival Time | Burst Time |  Waiting Time  |  Turn Around Time  |
---------------------------------------------------------------------------
|  P[1]  |     0    |    20    |     0    |      20      |
|  P[3]  |    13    |    19    |     7    |      26      |
|  P[2]  |     5    |    36    |    34    |      70      |
|  P[4]  |    17    |    42    |    58    |     100      |
---------------------------------------------------------------------------
```

1.000000
1.179487
1.453333
1.495726

-------------- Final Values are --------------

```
----------------------------------------------------------------------------------
| Process | Arrival Time | Burst Time |  Waiting Time  |  Turn Around Time  |
----------------------------------------------------------------------------------
|  P[1]  |     0    |    20    |     0    |      20      |
|  P[4]  |    17    |    42    |    58    |     100      |
|  P[2]  |     5    |    36    |    34    |      70      |
|  P[3]  |    13    |    19    |     7    |      26      |
----------------------------------------------------------------------------------
```

Average Turn Around Time : 54.000000
Average Waiting Time   : 24.750000