

Department of Computer Science and Engineering

**Course Code :** CSE -334

**Course Title :** Operating System Lab.

**Report :** 01.

**Report Name :** Implementation of FCFS Algorithm.

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**REMARKS**

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**Introduction:** First-come, First served scheduling (FCFS). Jobs are executed on first come, first served basis. Easy to understand and implement. Poor performance time as average wait time is high.

**Objective:** Implementation of FCFS algorithm.

**Source Code:**

#include<stdio.h>

main()

{

int i,j,bt[20];

int x;

scanf("%d",&x);

for(i=0;i<x;i++)

{

scanf("%d",&bt[i]);

}

for(i=0;i<x;i++)

for(j=0;j<bt[i];j++)

{

printf("P%d",i+1);

}

}

**Input:** 3

24 3 3

**Output:**

p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p1p2p2p2p3p3p3

Process returned 3 (0x3) execution time : 5.127 s

Press any key to continue.

**Discussion:**

1. It is easy to implement and
2. Its average wait time is high.