Process Scheduler Simulator (FCFS)

Description

This project is a C program that simulates the First Come First Serve (FCFS) CPU scheduling algorithm.

Processes are executed in the order they arrive, and once a process starts, it runs until completion.

The program calculates Completion Time, Turnaround Time, and Waiting Time, and displays average values.

Features

- FCFS scheduling

- User input for tasks, arrival time, and burst time

- Calculation of completion, turnaround, and waiting times

- Formatted output table

- Average waiting and turnaround times

Technologies Used

Programming Language: C

Concepts: Arrays, loops, conditional statements

How to Run

1. Compile: gcc fcfs.c -o fcfs

2. Run: ./fcfs