#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

// Function simulating a task (long-running)

void task1() {

printf("Task 1 starting...\n");

sleep(2); // Simulate some work by sleeping for 2 seconds

printf("Task 1 completed.\n");

}

// Function simulating another task (long-running)

void task2() {

printf("Task 2 starting...\n");

sleep(1); // Simulate some work by sleeping for 1 second

printf("Task 2 completed.\n");

}

int main() {

// Simulate multitasking by calling functions one after the other

printf("Starting tasks...\n");

// Task 1 runs

task1();

// Task 2 runs

task2();

printf("Both tasks completed.\n");

return 0;

}

