Real Time Systems, January 2024

Write a C program to create n processes - Problem 1

Opened: Monday, 22 January 2024, 9:00 AM
Due: Friday, 2 February 2024, 11:59 PM

✔ Done

Write a complete C program that reads a number **n** as command line argument. That is, uses "***int argc" and "char *argv[]***" to read **n** when the program is executed as "**./a.out n**".

The program then creates **n** child processes P_1, P_2, ..., P_n such that P_i, $1 \leq i \leq n$, computes and prints the factorial of **i**. That is, P_1 computes and prints the factorial of 1, P_2 computes and prints the factorial of 2, P_3 computes and prints the factorial of 3, and so on.

Please note that your program should be well-documented and properly indented for easy reading!

Submission status

Attempt number	This is attempt 1.
Submission status	Submitted for grading
Grading status	Not graded
Time remaining	Assignment was submitted 3 days early
Last modified	Tuesday, 30 January 2024, 11:22 PM

Online text	✚ (102 words)
	#include <stdio.h>
	#include <stdlib.h>
	#include <unistd.h>
	#include <sys/wait.h>
	
	// Function to calculate factorial
	int factorial(int num) {
	...

File submissions	program1.c 30 January 2024, 11:21 PM
Submission comments	Comments (0)

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