Real Time Systems, January 2024

Write a C program to create n processes - Problem 2

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

✔ Done

Write a complete C program that reads 2 numbers **n1 and n2** (**n1**$\leq$ **n2**) as command line arguments. That is, uses "***int argc" and "char *argv[]***" to read **n1** and **n2** when the program is executed as "**./a.out n1 n2**". The program then creates n2 - n1 + 1 child processes P_{n1}, P_{n1+1}, ..., P_{n2} such that P_i, n1 ≤ i ≤ n2, computes and prints the factorial of **i**. That is P_{n1} computes and prints the factorial of n1, P_{n1+1} computes and prints the factorial of n1+1, and so on!

Additionally ensure that process P_i uses the value computed by P_{i-1}. That is, while computing i! (factorial of i) P_i uses (i-1)! computed by P_{i-1}.

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, 11:23 PM
Online text	✚ (323 words) #include <stdio.h> #include <stdlib.h> #include <unistd.h> #include <sys/types.h> #include <sys/wait.h> #include <sys/ipc.h> #include <sys/shm....
File submissions	program2.c 30 January 2024, 11:23 PM
Submission comments	Comments (0)

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