

Exercise 4

已開始： 9月11日 16:32

測驗說明

問題 1

1 分數

Log in to CLEAR.

Write a C program that uses `fork()` to have a child process wait on character input and has a parent process wait for the child process to finish. The program should print the PID of the child process so that we can see it later. Check out the code in this YouTube video for reference: Dhananjai Rao, "Fork and Exec in Linux".

<https://www.youtube.com/watch?v=nwm7rJG90i8> 

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Compile and run your program - it will print the child process PID and a 0, then expect you to enter text. Don't enter text. Instead, use `ctl+z` (control and z keys at the same time) to "background" this process, then use the below command (replacing `netID` with your `netID`) to show the two instances of your program.

```
ps -u netID
```

Now use the command `fg` to bring the program back to the foreground, type some text and hit enter. It should end your program.

Submit one screenshot of your terminal window that shows you running the program, backgrounding it, displaying the PIDs of the now two instances of your program, foregrounding the program, and entering text (which ends the program).

上傳

選擇檔案

測驗保存於 16:52

提交測驗