

SP期末考

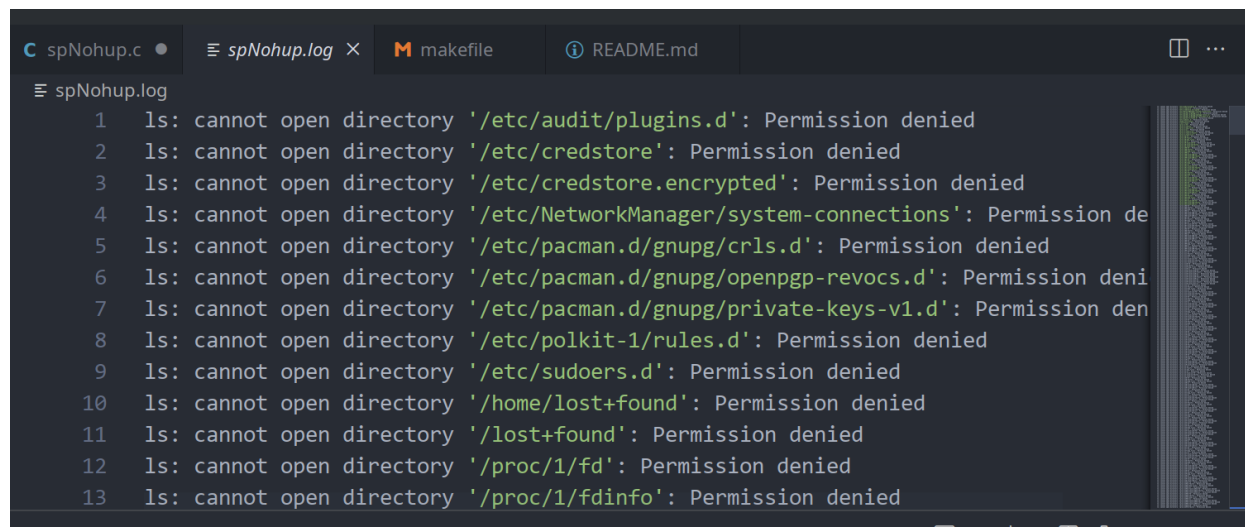
410410060 資工二 林柔均

1. (60pt) (基本功能) 指定一個執行檔案，並且可以給執行檔案參數。例如：spNohup ls -R。在這樣的情況下必須在「當前目錄」建立 spNohup.log，並且將「ls -R」的輸出都導引到 spNohup.log

(完成)

用 sleep(10) 測試後確定關閉 terminal 依然能繼續執行

```
~/Desktop/spFinalExam > ./spNohup ls / -R
~/Desktop/spFinalExam >
```



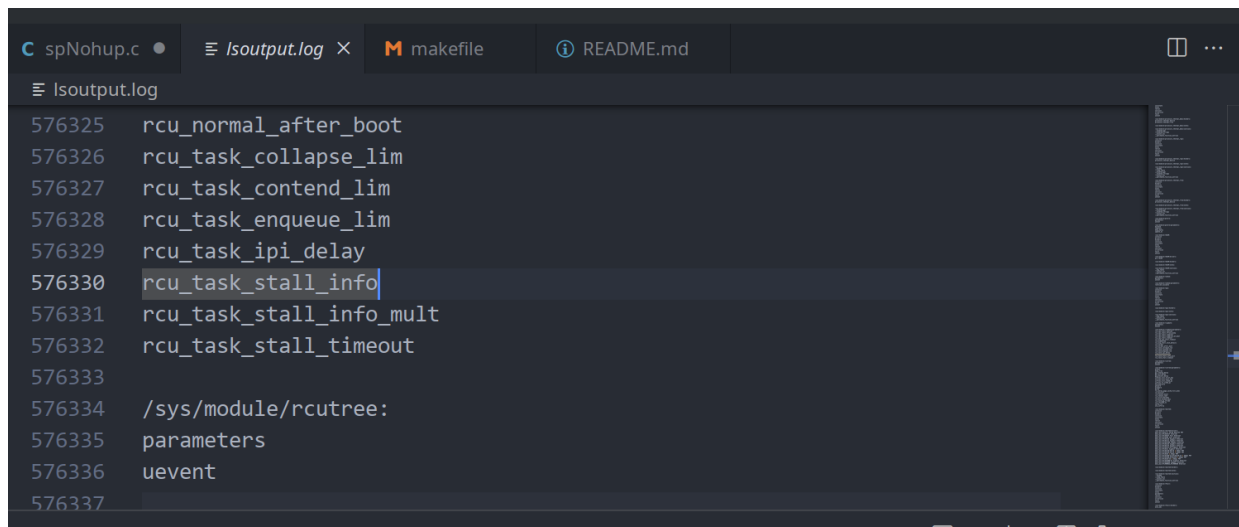
```
spNohup.log
1 ls: cannot open directory '/etc/audit/plugins.d': Permission denied
2 ls: cannot open directory '/etc/credstore': Permission denied
3 ls: cannot open directory '/etc/credstore.encrypted': Permission denied
4 ls: cannot open directory '/etc/NetworkManager/system-connections': Permission denied
5 ls: cannot open directory '/etc/pacman.d/gnupg/crls.d': Permission denied
6 ls: cannot open directory '/etc/pacman.d/gnupg/openpgp-revocs.d': Permission denied
7 ls: cannot open directory '/etc/pacman.d/gnupg/private-keys-v1.d': Permission denied
8 ls: cannot open directory '/etc/polkit-1/rules.d': Permission denied
9 ls: cannot open directory '/etc/sudoers.d': Permission denied
10 ls: cannot open directory '/home/lost+found': Permission denied
11 ls: cannot open directory '/lost+found': Permission denied
12 ls: cannot open directory '/proc/1/fd': Permission denied
13 ls: cannot open directory '/proc/1/fdinfo': Permission denied
```

2. (20pt) (可以指定日誌檔名) 指定日誌文件的檔案名稱 (透過-log filename)，再指定一個執行檔案。

例如：spNohup -log lsoutput.log ls -R。在這樣的情況下必須在「當前目錄」建立 lsoutput.log，並且將「ls -R」的輸出都導引到lsoutput.log

(完成)

```
g++ spNohup.c -o spNohup
~/Desktop/spFinalExam > ./spNohup -log lsoutput.log ls -R
~/Desktop/spFinalExam >
```



The screenshot shows a code editor with a dark theme. The top bar has tabs for 'spNohup.c', 'lsoutput.log', 'makefile', and 'README.md'. The 'lsoutput.log' tab is active, showing a list of files and directories. The files are listed with their inode numbers and names. The file 'rcu_task_stall_info' is highlighted with a blue cursor. The list of files is as follows:

Inode	File Name
576325	rcu_normal_after_boot
576326	rcu_task_collapse_lim
576327	rcu_task_contend_lim
576328	rcu_task_enqueue_lim
576329	rcu_task_ipi_delay
576330	rcu_task_stall_info
576331	rcu_task_stall_info_mult
576332	rcu_task_stall_timeout
576333	
576334	/sys/module/rcutree:
576335	parameters
576336	uevent
576337	

分數自評

80分，因為確定完成1, 2題目