Team project
Team member / responsibility:
電資四 107820014 謝昀羲 / assist both of project
電資三 108820015 周雨柔 / chap3 project1
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Chap.2 Project1: Linux Kernel Modules

environment require: Ubuntu 14.04 LTS / Kernel 3.19.0-31-generic

both run in Linux terminal

Part I

kernel_test 目錄下輸入 make 編譯

sudo insmod hello.ko

dmesg

sudo rmmod hello.ko

dmesg

Part II

birthday目錄下輸入 make 編譯

sudo insmod birthday.ko

dmesg

sudo rmmod birthday.ko

dmesg

Chap.3 Project1: UNIX Shell and History Feature

run in bash

輸入 gcc unix_shell.c 編譯

輸入 ./a.out 執行

```
zoezo@LAPTOP-CPOOMK9R:/mnt/c/Users/zoezo/Desktop/Operating System/Homework/108820015_hw1/ch3_project1$ gcc unix_shell.c
zoezo@LAPTOP-CPOOMK9R:/mnt/c/Users/zoezo/Desktop/Operating System/Homework/108820015_hw1/ch3_project1$ ./a.out
shell>> ls
shell>> a.out  source.txt  unix_shell.c
ps
shell>>   PID TTY          TIME CMD
  809 pts/2    00:00:00 bash
  879 pts/2    00:00:00 a.out
  880 pts/2    00:00:00 ls <defunct>
  881 pts/2    00:00:00 ps
touch new.txt
shell>> ls
shell>> a.out  new.txt  source.txt  unix_shell.c
cat new.txt
shell>> cat source.txt
shell>> hello world
cp sourece.txt new.txt
shell>> cp: cannot stat 'sourece.txt': No such file or directory
cat new.txt
shell>> cp source.txt new.txt
shell>> cat new.txt
shell>> hello world
rm new.txt
shell>> ls
shell>> a.out  source.txt  unix_shell.c
history

usaged command:
1.Command name: cat, Usaged count: 4
2.Command name: ls, Usaged count: 3
3.Command name: cp, Usaged count: 2
4.Command name: ps, Usaged count: 1
5.Command name: touch, Usaged count: 1
6.Command name: rm, Usaged count: 1

shell>> exit
zoezo@LAPTOP-CPOOMK9R:/mnt/c/Users/zoezo/Desktop/Operating System/Homework/108820015_hw1/ch3_project1$
```