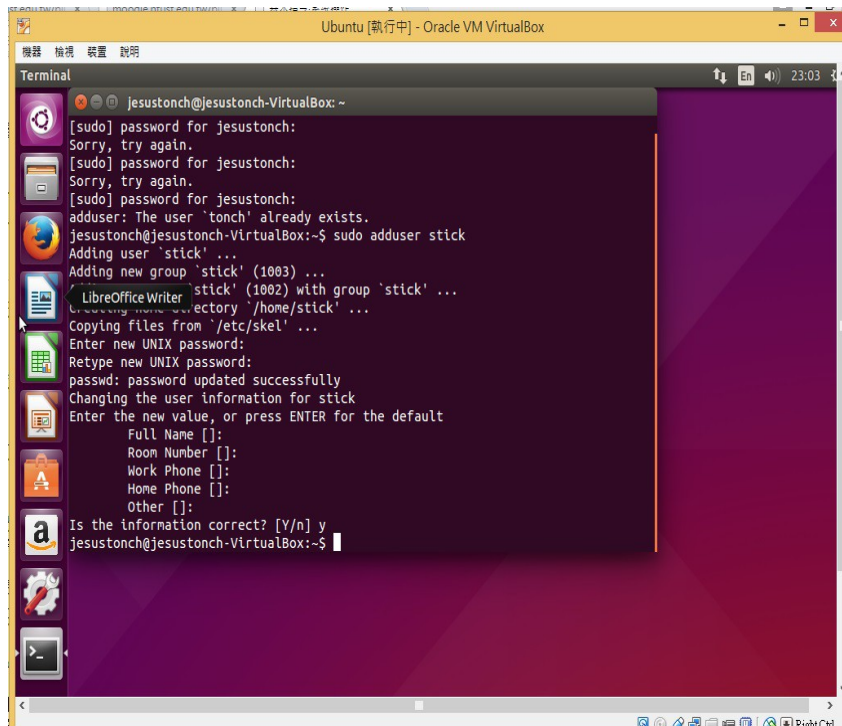
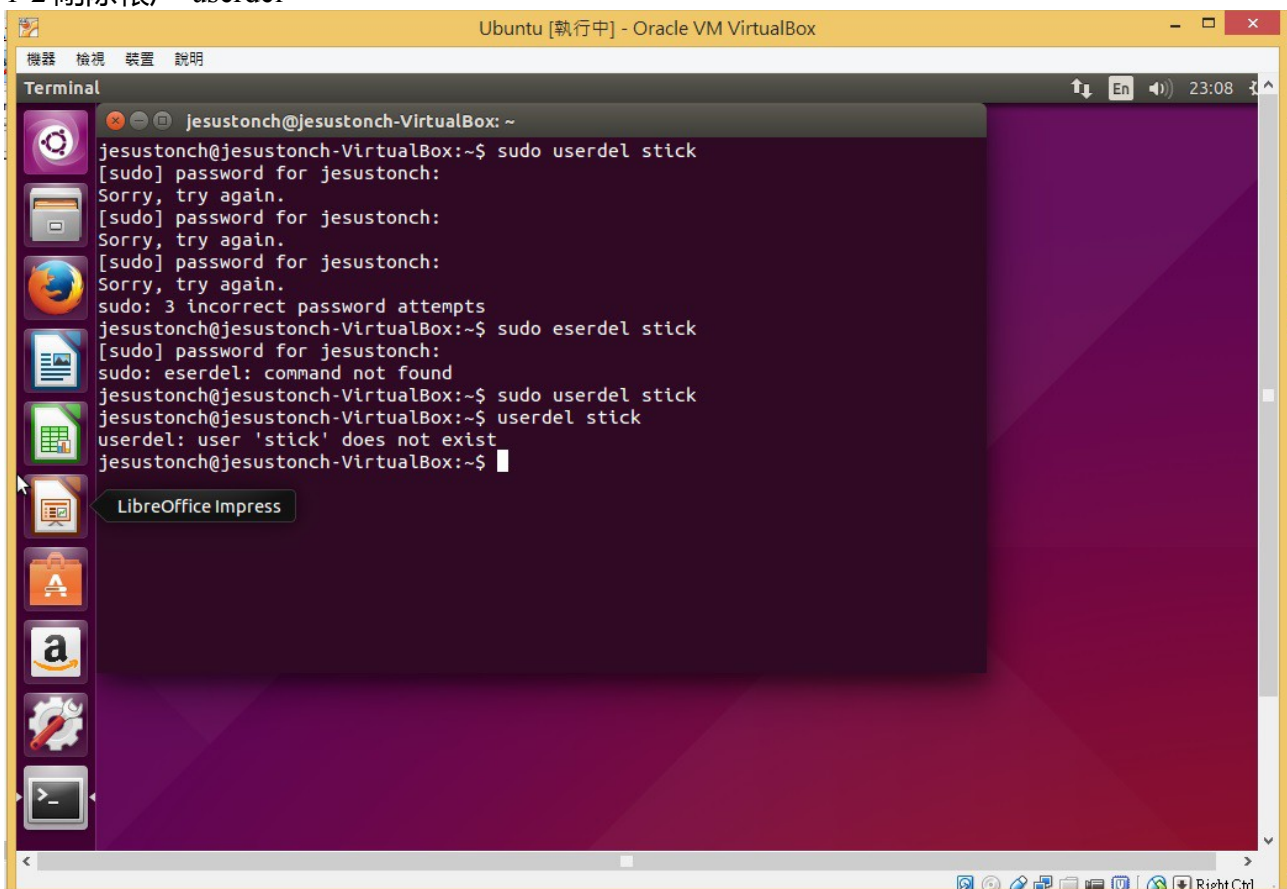


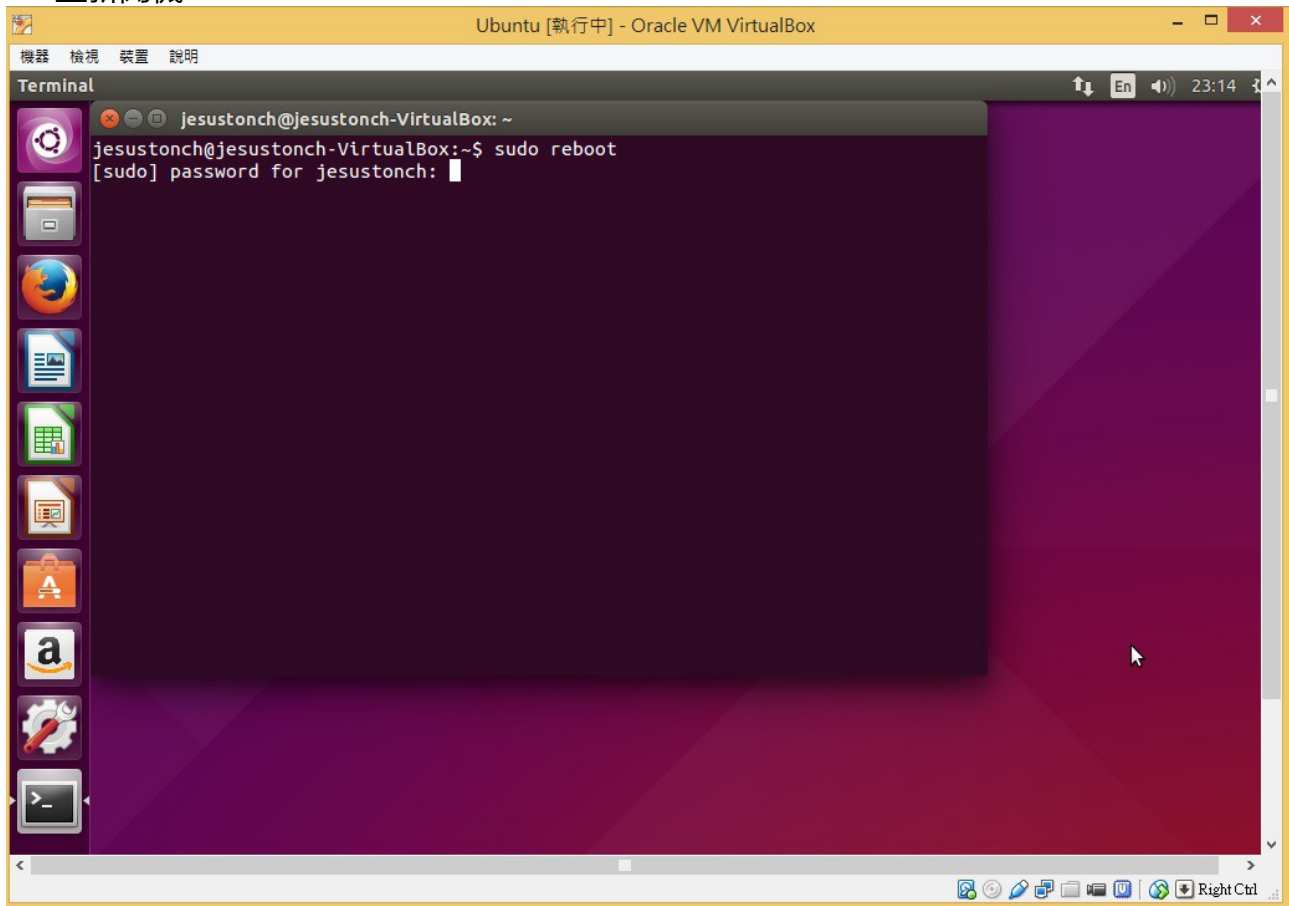
1-1 新增帳戶 adduser



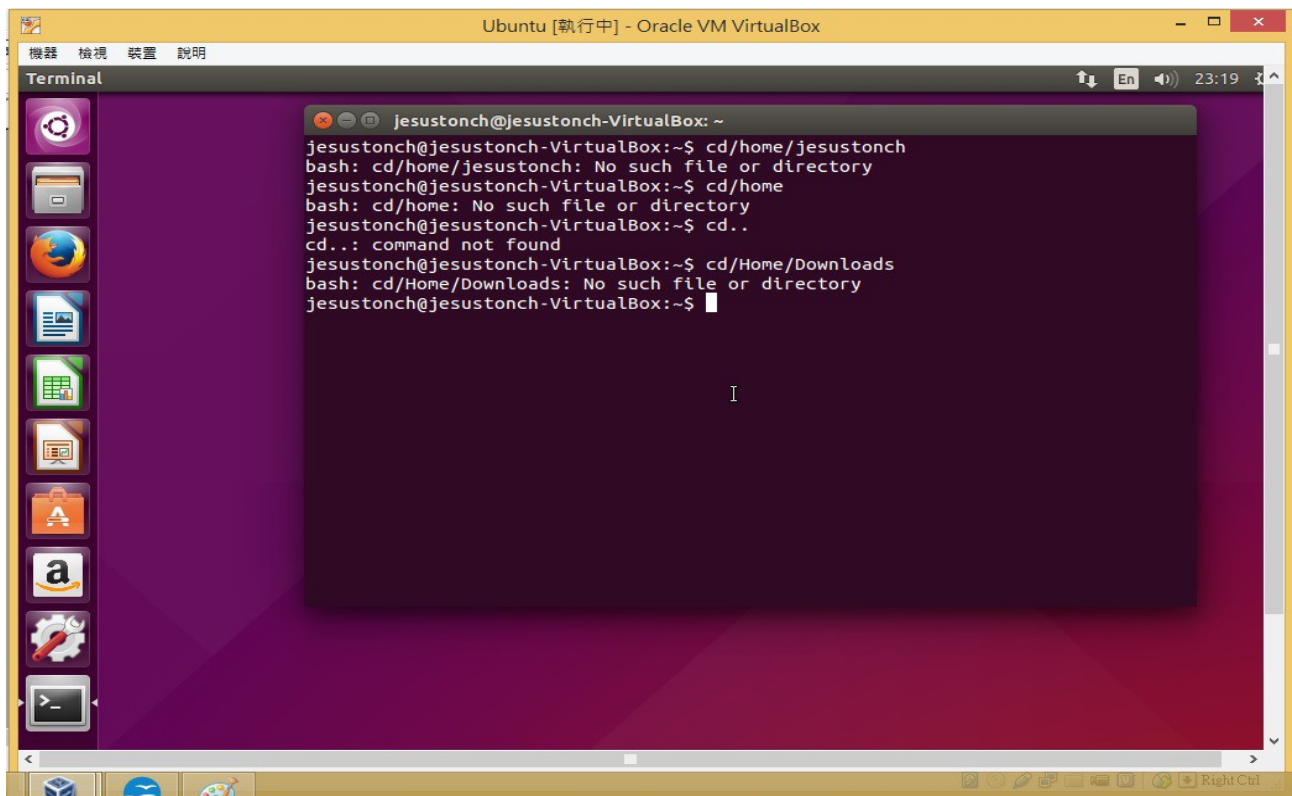
1-2 刪除帳戶 userdel



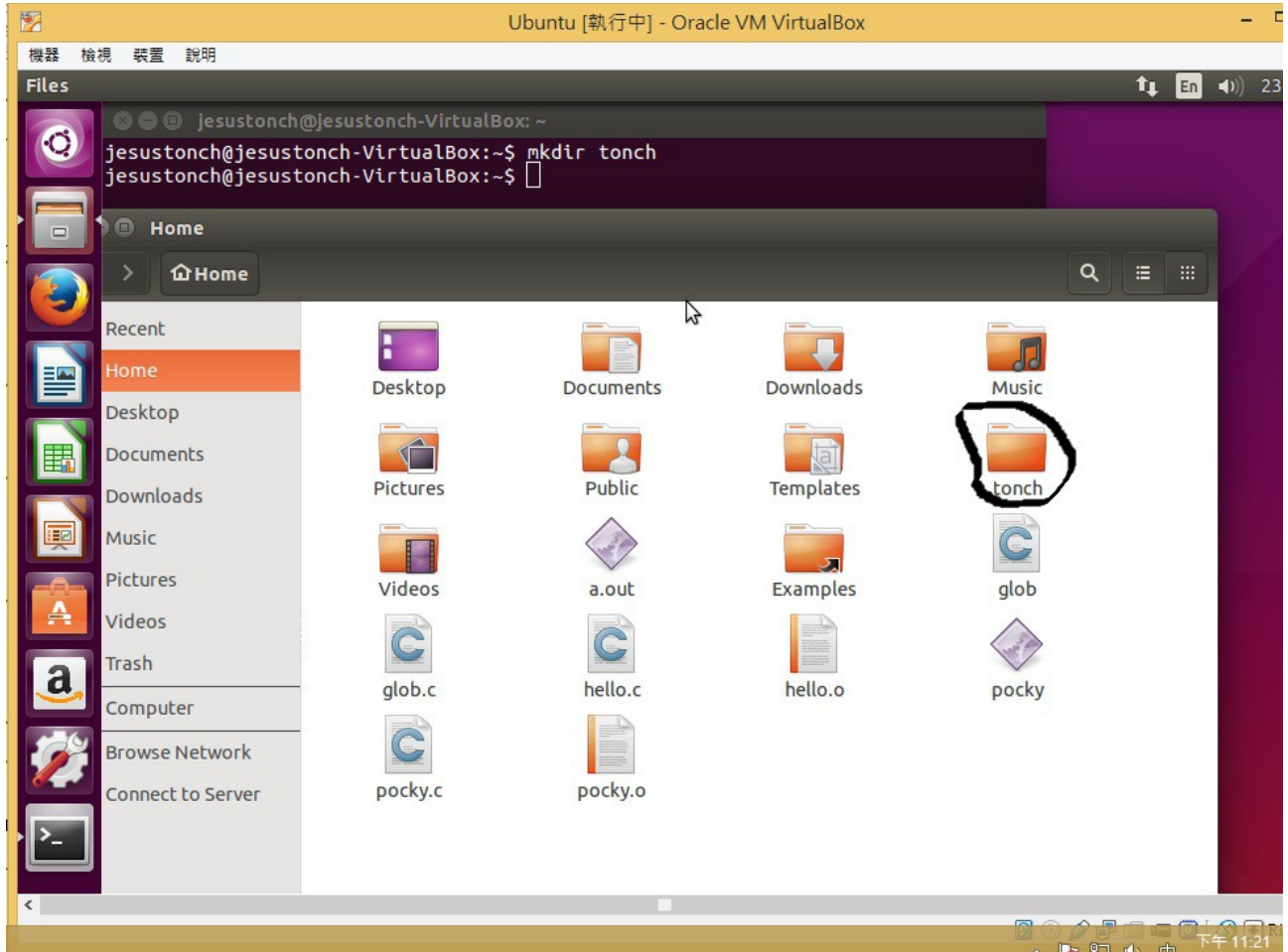
1-3 重新開機 reboot



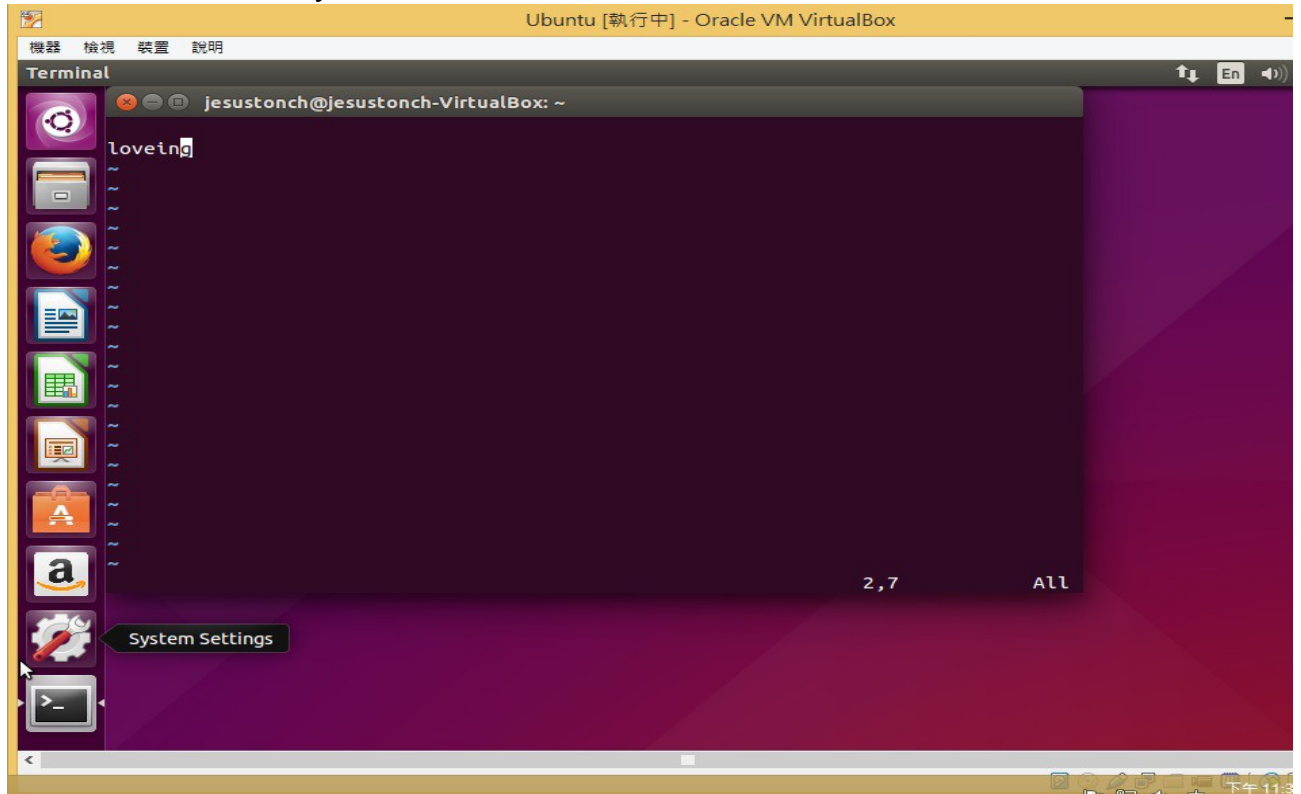
1-4 切換目錄 cd



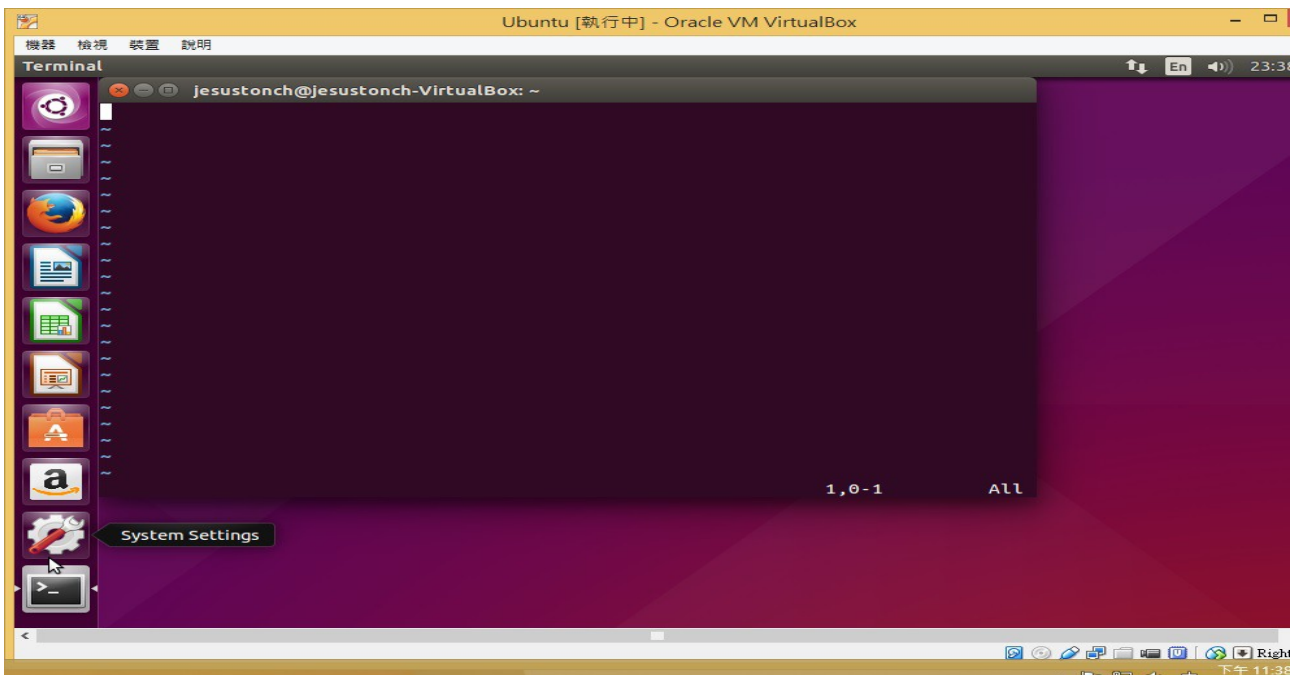
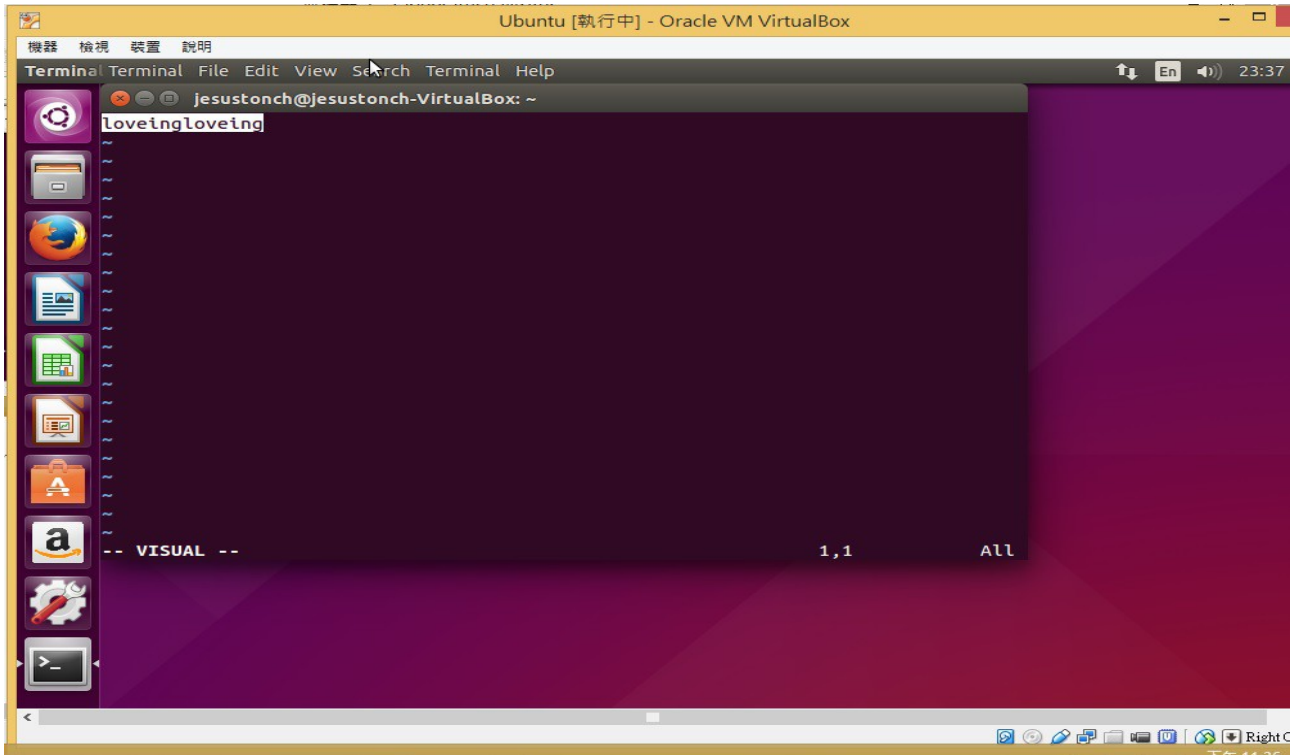
1-5 新增目錄 mkdir



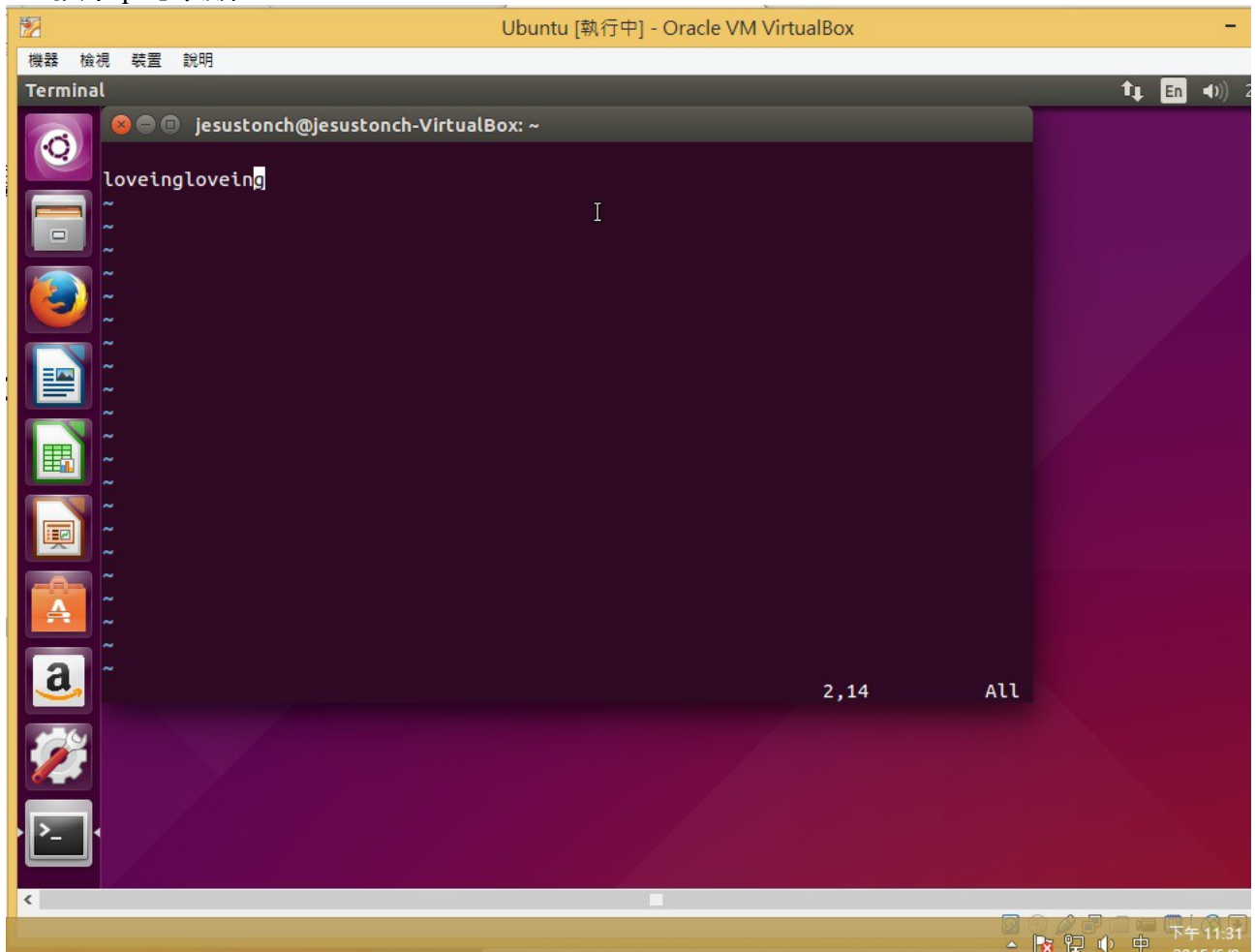
2-1 複製 -全部選取後按 y 複製



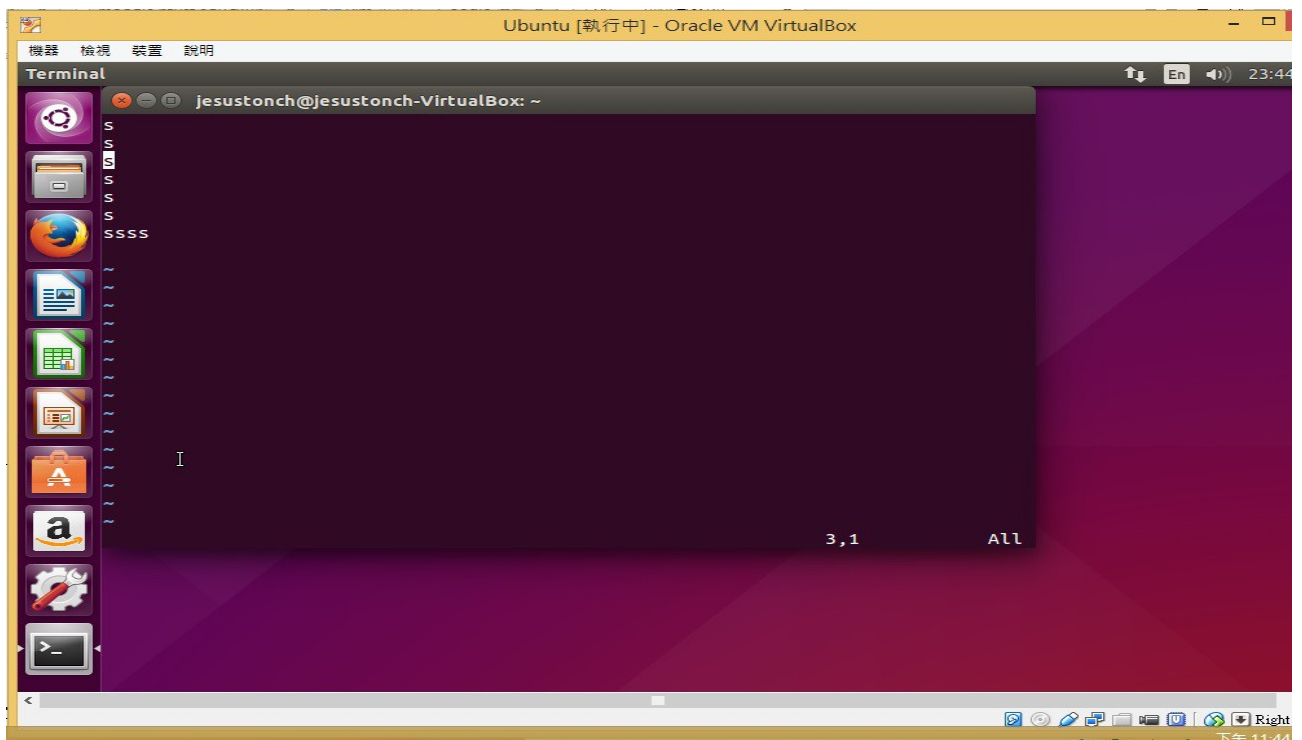
2-2 刪除-全部選取後按 d 刪除



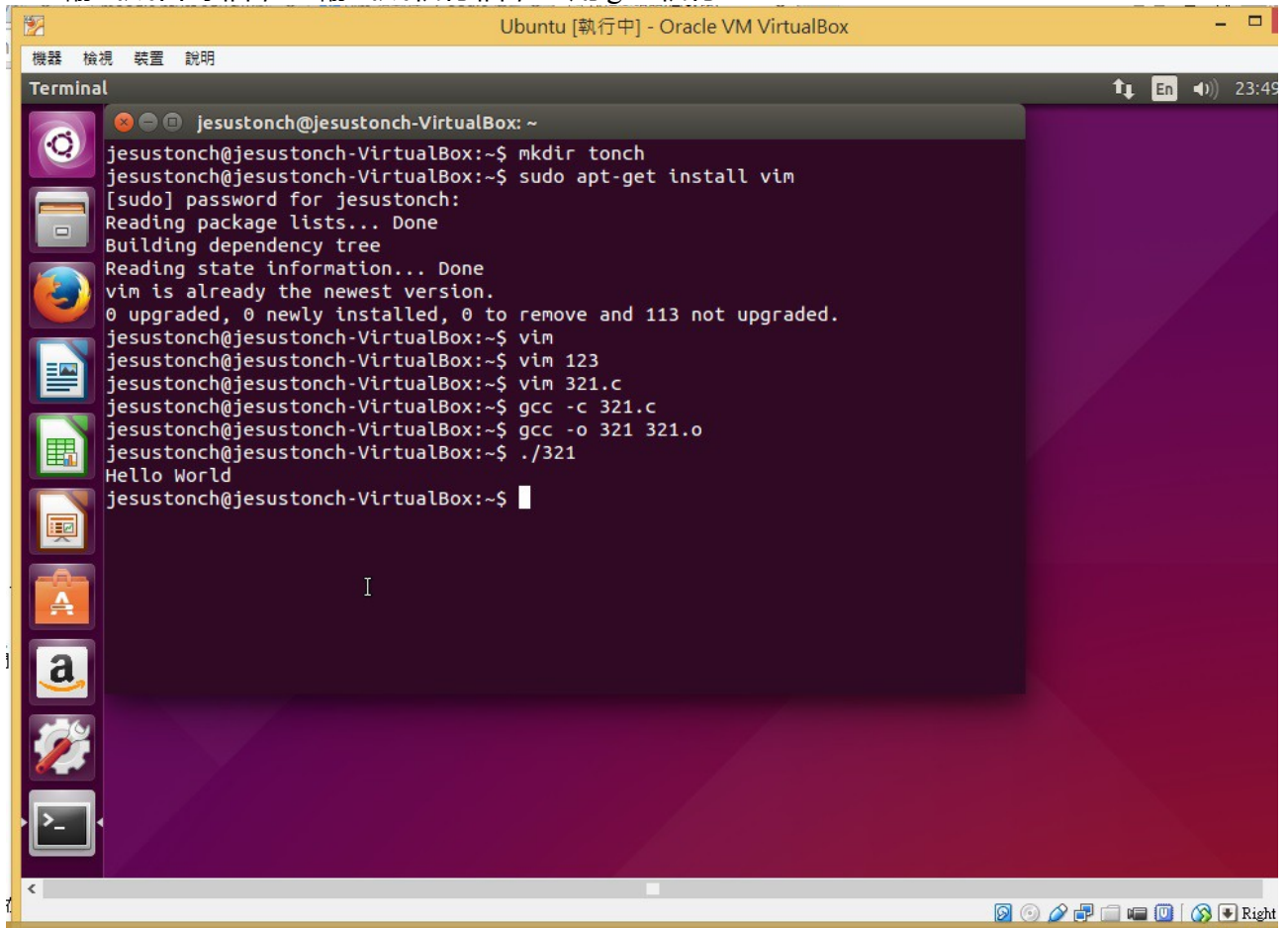
2-3 按下 p 可以貼上



2-4 按下 3G 移動到第三列



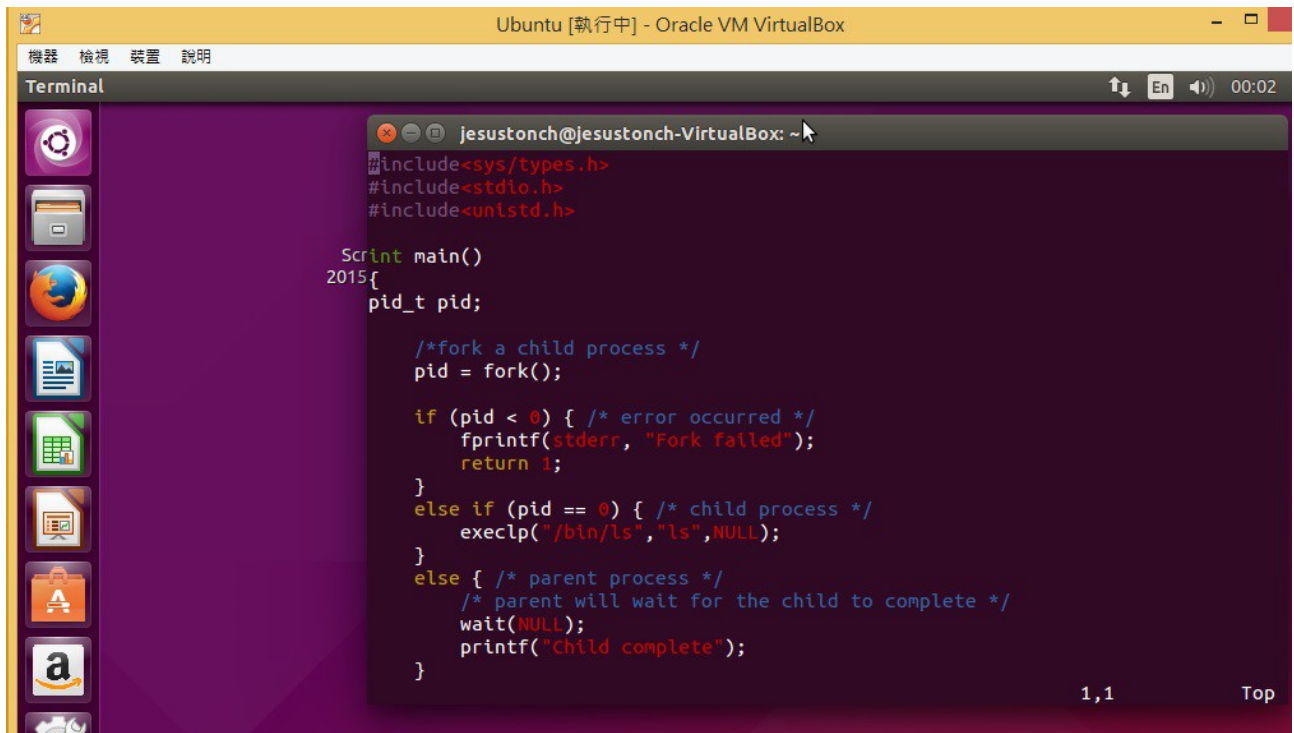
3 -c 輸出成目錄檔，-o 輸出成執行檔，並用 gcc 執行



The screenshot shows a terminal window titled "Ubuntu [執行中] - Oracle VM VirtualBox". The user is logged in as "jesustonch" at "jesustonch-VirtualBox". The terminal shows the following commands and output:

```
jesustonch@jesustonch-VirtualBox: ~  
jesustonch@jesustonch-VirtualBox:~$ mkdir tonch  
jesustonch@jesustonch-VirtualBox:~$ sudo apt-get install vim  
[sudo] password for jesustonch:  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
vim is already the newest version.  
0 upgraded, 0 newly installed, 0 to remove and 113 not upgraded.  
jesustonch@jesustonch-VirtualBox:~$ vim  
jesustonch@jesustonch-VirtualBox:~$ vim 123  
jesustonch@jesustonch-VirtualBox:~$ vim 321.c  
jesustonch@jesustonch-VirtualBox:~$ gcc -c 321.c  
jesustonch@jesustonch-VirtualBox:~$ gcc -o 321 321.o  
jesustonch@jesustonch-VirtualBox:~$ ./321  
Hello World  
jesustonch@jesustonch-VirtualBox:~$
```

4



The screenshot shows a terminal window titled "Ubuntu [執行中] - Oracle VM VirtualBox". The user is logged in as "jesustonch" at "jesustonch-VirtualBox". The terminal shows the following code being edited in a file named "321.c":

```
#include<sys/types.h>  
#include<stdio.h>  
#include<unistd.h>  
  
Scrint main()  
2015{  
    pid_t pid;  
  
    /*fork a child process */  
    pid = fork();  
  
    if (pid < 0) { /* error occurred */  
        fprintf(stderr, "Fork failed");  
        return 1;  
    }  
    else if (pid == 0) { /* child process */  
        execlp("/bin/ls", "ls", NULL);  
    }  
    else { /* parent process */  
        /* parent will wait for the child to complete */  
        wait(NULL);  
        printf("Child complete");  
    }  
}
```

The terminal also shows the output "1,1" and "Top" at the bottom right.

```
Ubuntu [執行中] - Oracle VM VirtualBox
機器 檢視 裝置 說明
Terminal
jesustonch@jesustonch-VirtualBox: ~
jesustonch@jesustonch-VirtualBox:~$ gcc -c 321.c
jesustonch@jesustonch-VirtualBox:~$ gcc -o 321 321.o
jesustonch@jesustonch-VirtualBox:~$ ./321
Hello World
jesustonch@jesustonch-VirtualBox:~$ vim ggg.c
2015 jesustonch@jesustonch-VirtualBox:~$ ls
123 321.o Documents ggg.c hello.c Pictures pocky.o tonch
321 a.out Downloads glob hello.o pocky Public Videos
321.c Desktop examples.desktop glob.c Music pocky.c Templates
jesustonch@jesustonch-VirtualBox:~$ vim pocky.c
jesustonch@jesustonch-VirtualBox:~$ vim ggg.c
jesustonch@jesustonch-VirtualBox:~$ vim pocky.c
jesustonch@jesustonch-VirtualBox:~$ vim ggg.c
jesustonch@jesustonch-VirtualBox:~$ vim pocky.c
jesustonch@jesustonch-VirtualBox:~$ vim ggg.
jesustonch@jesustonch-VirtualBox:~$ vim ggg.c
jesustonch@jesustonch-VirtualBox:~$ gcc -c ggg.c
jesustonch@jesustonch-VirtualBox:~$ gcc -o ggg ggg.o
jesustonch@jesustonch-VirtualBox:~$ ./ggg
123 a.out examples.desktop ggg.o hello.o pocky.c tonch
321 Desktop ggg glob Music pocky.o Public Videos
321.c Documents ggg. glob.c Pictures Public
321.o Downloads ggg.c hello.c pocky Templates
Child completejesustonch@jesustonch-VirtualBox:~$
```

5

```
Ubuntu [執行中] - Oracle VM VirtualBox
機器 檢視 裝置 說明
Terminal
jesustonch@jesustonch-VirtualBox: ~
kkk.c:20:17: error: 'stderr' undeclared (first use in this function)
    fprintf(stderr,"Frok failed");
            ^
kkk.c:20:17: note: each undeclared identifier is reported only once for each fun
ction it appears in
2015 kkk.c:24:10: warning: incompatible implicit declaration of built-in function 'pr
intf'
    printf("%d\n", *glob_var);
    ^
kkk.c:29:9: warning: incompatible implicit declaration of built-in function 'pri
ntf'
    printf("%d\n", *glob_var);
    ^
jesustonch@jesustonch-VirtualBox:~$ vim kkk.c
jesustonch@jesustonch-VirtualBox:~$ gcc -c kkk.c
jesustonch@jesustonch-VirtualBox:~$ gcc -o kkk kkk.o
jesustonch@jesustonch-VirtualBox:~$ ./kkk
bash: ./kkk: No such file or directory
jesustonch@jesustonch-VirtualBox:~$ ./kkk.o
bash: ./kkk.o: No such file or directory
jesustonch@jesustonch-VirtualBox:~$ ./kkk
1
5
jesustonch@jesustonch-VirtualBox:~$
```