「CSC061作業系統」程式作業一

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| 聲明與自評 | 項目 |
| 2.[共同討論]  吳○興 | 榮譽聲明：  1.[獨立進行]本作業獨立進行，沒有任何抄襲行為，本作業有提供他人參考如列。  2.[共同討論]本作業與他人討論後進行，沒有任何抄襲行為，共同討論人如列。  3.[部份參考]本作業有參考他人版本進行，被參考者如列。  4.[部份抄襲]本作業有抄襲他人版本或資料進行，被抄襲者或資料如列。 |
| 310 | 心得說明 (至少300字)，請填字數 |
| Ubuntu 24.04.1 LTS | 使用的Linux平台：1. Ubuntu ；2.Windows Subsystem for Linux；3. 其它(請註明)  平台安裝版本：Ubuntu 24.04.1 LTS  平台下載網址：https://cdimage.ubuntu.com/ubuntu-legacy-server/releases/20.04/release/ |
| Chapter 3: 4 | 1. git clone git@<githost.com>:<username>/git-repository.git 2. git branch my\_change 3. git diff 4. git merge my\_change |
| Chapter 4: 4 | 1. $ whoami 2. $ ssh peipei@192.168.1.115 3. $ man -k user |
| Chapter 5: n | 1. sudo usermod -aG sudo peipei 2. sudo /usr/sbin/useradd -D 3. id test 4. sudo userdel test |
| Chapter 6: n | 1. ls -la /etc/grub.d 2. sudo grub2-mkconfig –output mygrub.cfg → sudo update-grub 3. sudo systemctl –type=service --state=running 4. sudo systemctl poweroff |
| Chapter 7: n | 1. Ip addr show 2. sudo dmesg |grep enp 3. ping 192.168.10.10 4. sudo nmcli device status |
| Chapter 8: n | 1. sudo apt search nmap 2. sudo apt makecache |
| Chapter 9: n | 1. sudo fdisk -l /dev/sda 2. tune2fs 3. lsblk |
| Chapter 17: n | 1. uptime 2. free -h 3. top |

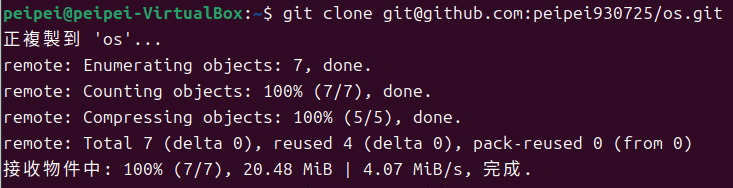
**\* 請說明過程，並以螢幕截圖(或拍照)顯示結果。**

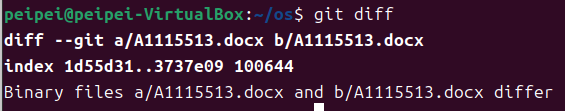
**\*第3章說明4個git的用法，其餘章介紹2-4個指令至多兩種用法，條列在上表，說明及紀綠在下面**

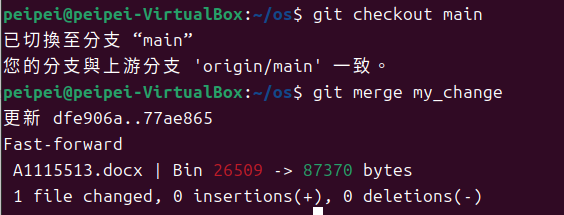
**1. 心得說明(至少300字)**

**2. 安裝並執行Linux**

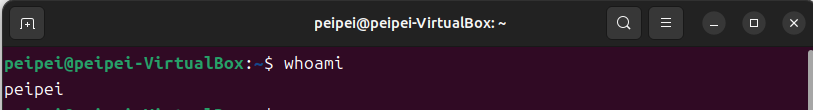
**Chapter 3: Introducing VirtualBox, Git, and Vagrant**

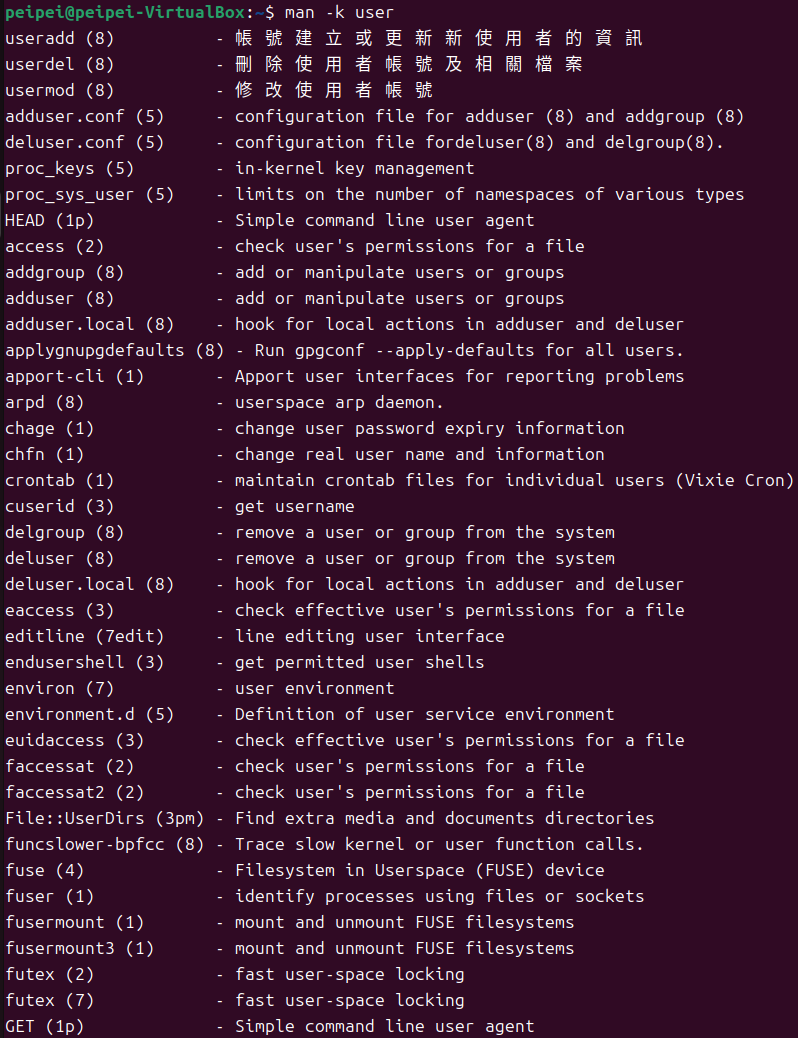






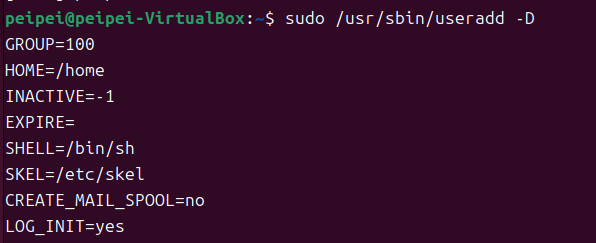
**Chapter 4: Linux Basics**

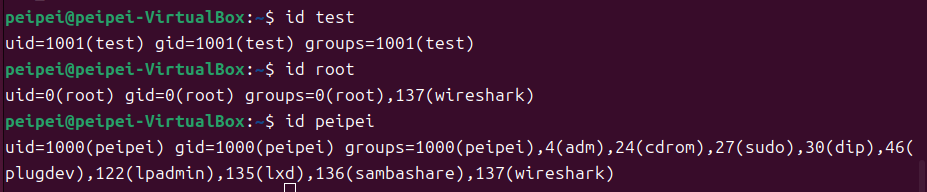




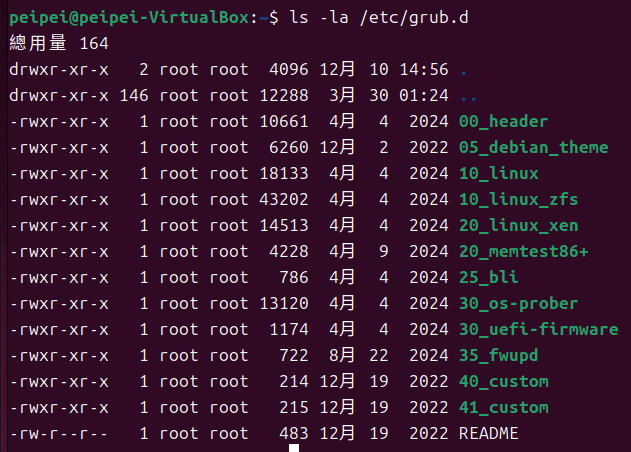
**Chapter 5: Users and Groups**

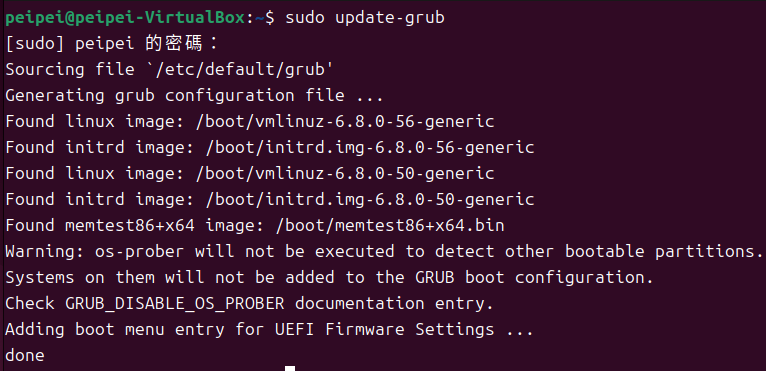


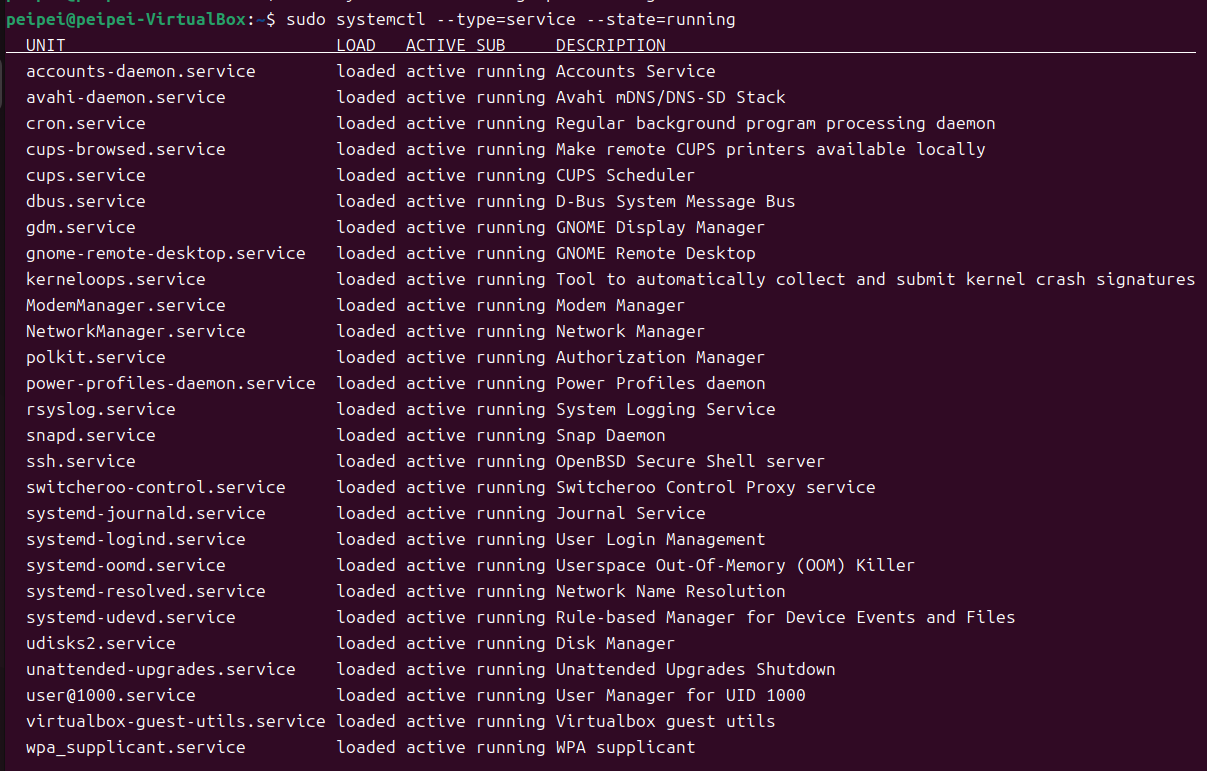




**Chapter 6: Startup and Services**

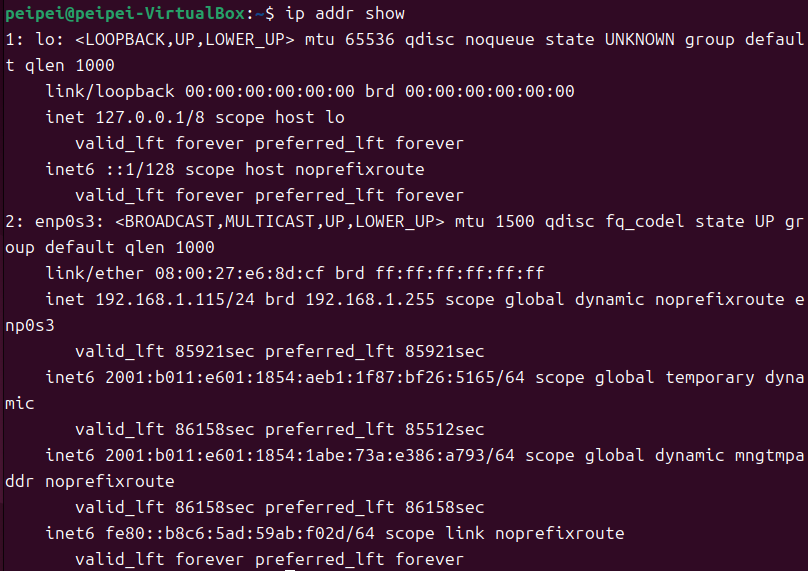


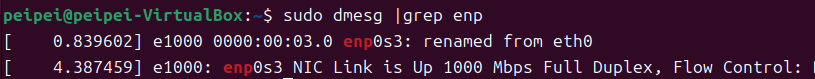


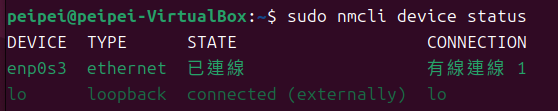
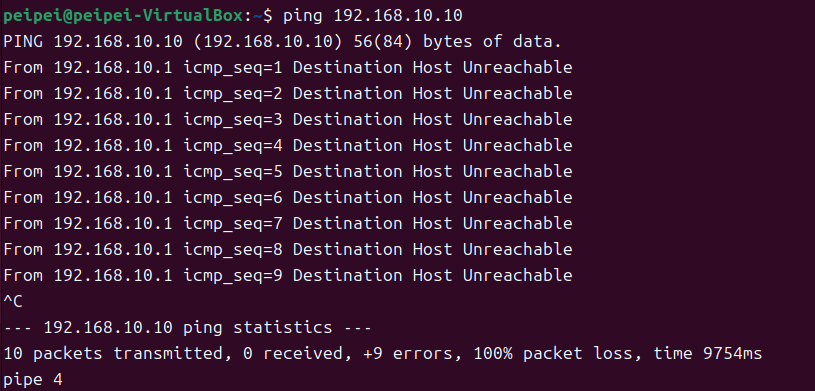




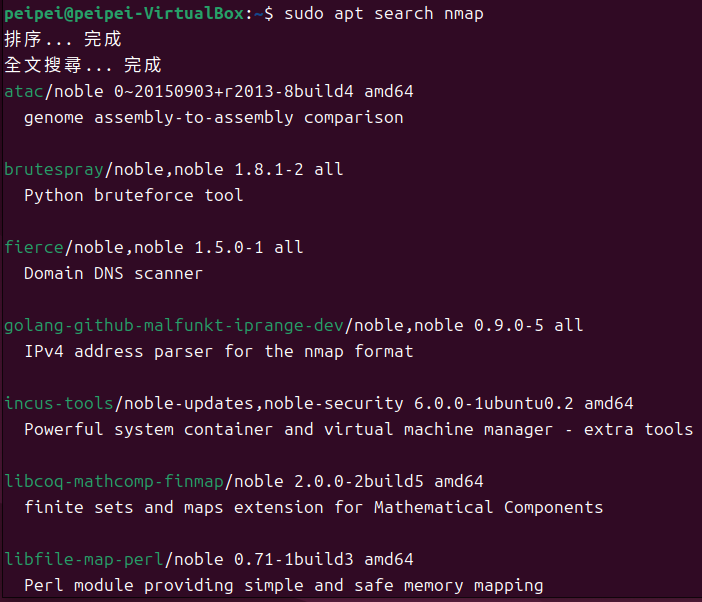
**Chapter 7: Networking and Firewalls**

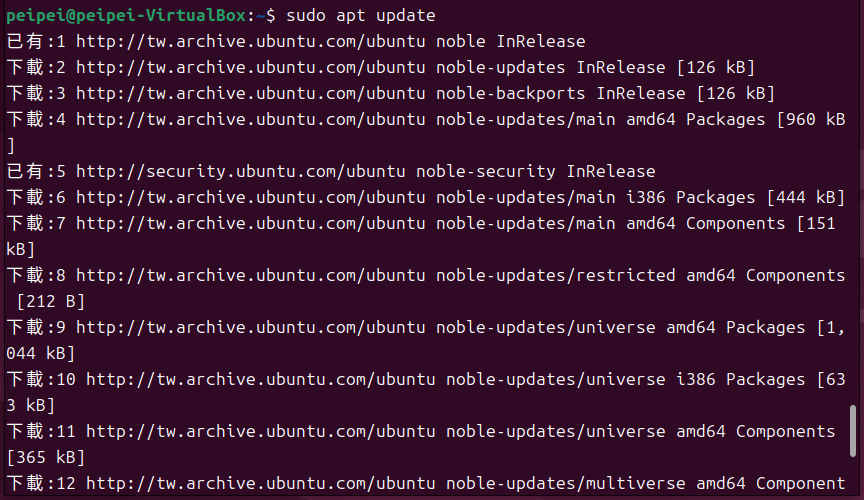




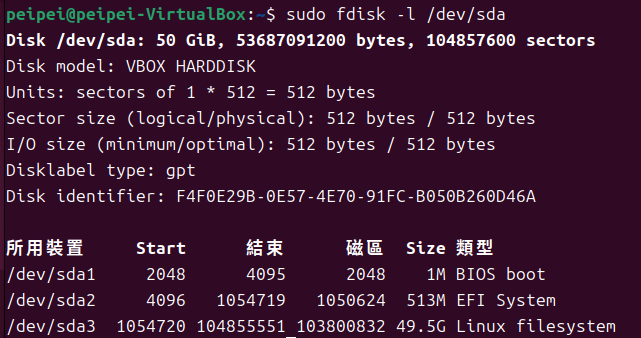


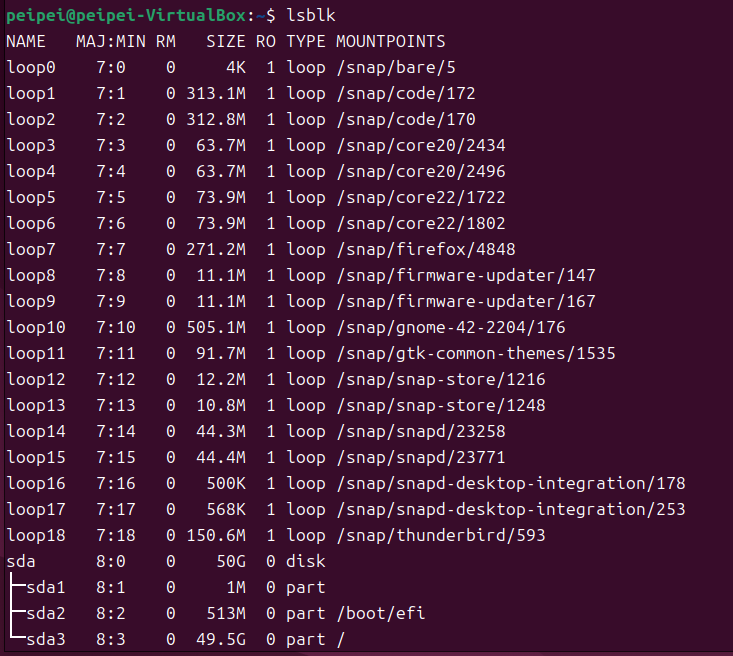
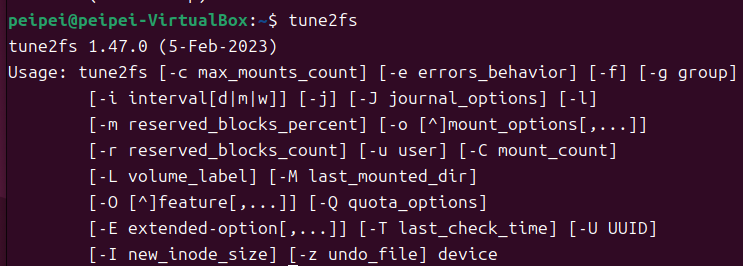
**Chapter 8: Package Management**





**Chapter 9: Storage Management and Disaster Recovery**





**Chapter 17: Performance Monitoring and Optimization**



