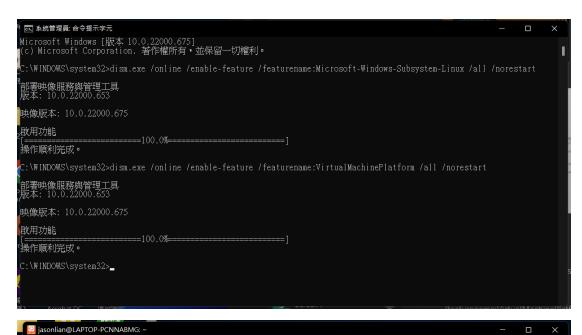
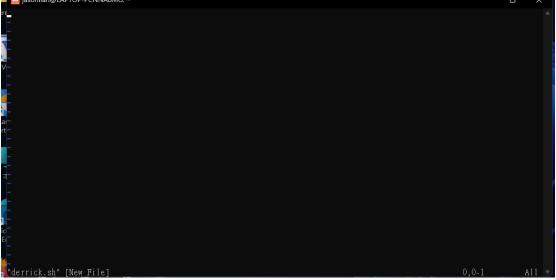
## **WSL**

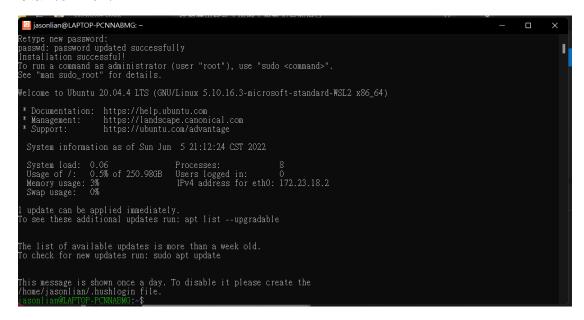
STEP1 安裝 WSL

啟用 Windows 子系統 Linux 版本

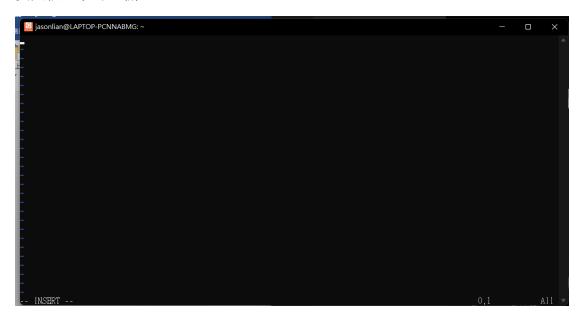




### 設帳號`密碼



#### 要先按1才可以輸入



#### 常用指令:

cd = 切換當前所在位置

mkdir = 創建資料夾

touch = 建立新檔案

vim = 開啟編輯

#### 創建資料夾

#### 打完指令按 esc,點擊左下角輸入:eq,表示儲存並退出

#### 最後不知道為甚麼沒成功,但學到很多。

```
Welcome to the VcXsrv X Server
Vendor: The VcXsrv Project
Release: 1.20.14.0

OS: Windows NT 6.2 build 9200 (64-bit)
Contact: marha@users.sourceforge.net

LoadPreferences: C:\Users\USER\AppData\Roaming\.XWinrc not found
LoadPreferences: Loading C:\Program Files\VcXsrv\system.XWinrc
成功: PID 為 14700 (PID 為 2664 的子處理程序) 的處理程序已終止。
iasonlian@LAPTOP-PCNNABMG:~/temp$ cat gui.sh
#!/bin/bash
sudo service dbus restart
/mnt/c/Program\Files/VcXsrv/vcxsrv.exe:0-ac &
DISPLAY=0:0 XDG_SESSION_TYPE=xll gnome-session
/mnt/c/Windows/System32/taskkill.exe /IM vcxsrv.exe /T /F
iasonlian@LAPTOP-PCNNABMG:~/temp$ sudo bash gui.sh
* Stopping system message bus dbus
* Starting system message bus dbus
gui.sh: line 4: gnome-session: command not found
Welcome to the VcXsrv X Server
Vendor: The VcXsrv Project
Release: 1.20.14.0

OS: Windows NT 6.2 build 9200 (64-bit)
Contact: marha@users.sourceforge.net
LoadPreferences: C:\Users\USER\AppData\Roaming\.XWinrc not found
LoadPreferences: C:\Users\USER\AppData\Roaming\.XWinrc not found
LoadPreferences: C:\Users\USER\AppData\Roaming\.XWinrc not found
LoadPreferences: Loading C:\Program Files\VcXsrv\system.XWinrc
成功: PID 為 17736 (PID 為 2664 的子處理程序) 的處理程序已終止。
lasonlian@LAPTOP-PCNNABMG:~/temp$
```

## Gui

#### 更新 apt-get

```
| internal content | internal co
```

#### 安裝 gedit

```
an@LAPTOP-PCNNABMGs-/temp$ sudo apt-get install gedit -y
package instal. Done
dependency tree
within a package install be installed:
weith-installed:
weith-ins
```

```
citting up libtepl-4-0:amd64 (4.4.0-1) ...
cetting up genity (3.32.0-5) ...
cetting up genity (3.32.0-5) ...
cetting up genity (3.36.0-2build1) ...
cetting up genity (3.36.0-2build1) ...
cetting up girl.2-peas-1.0:amd64 (1.26.0-2) ...
cetting up gkbd-capplet (3.26.1-1) ...
cetting up untter (3.36.9-0ubuntu0.20.04.2) ...
pdate-alternatives: using /usr/bin/mutter to provide /usr/bin/x-window-manager (x-window-manager) in auto mode
cetting up girl.2-gcr-3:amd64 (3.36.0-2build1) ...
cetting up pinentry-gnome3 (1.1.0-3build1) ...
cetting up pinentry-gnomed (1.1.0-3build1) ...
cetting up girl.2-gnomedsktop-3.0:amd64 (3.36.8-0ubuntu1) ...
cetting up gnome-startup-applications (3.36.0-2bubntu1) ...
cetting up gnome-startup-applications (3.36.0-0ubuntu1) ...
cetting up girl.2-gnomebluetooth-1.0:amd64 (3.36.5-0ubuntu1) ...
cetting up girl.2-gnomebluetooth-1.0:amd64 (3.36.5-0ubuntu1) ...
cetting up libecal-2.0-1:amd64 (3.36.5-0ubuntu1) ...
cetting up libecal-2.0-1:amd64 (3.36.5-0ubuntu1) ...
cetting up genome-keyring (3.36.0-lubuntu1) ...
cetting up gedit (3.36.2-0ubuntu1) ...
cetting up gedit (3.36.2-0ubuntu1) ...
cetting up gedit (3.36.2-0ubuntu1) ...
cetting up libedataserverui-1.2-2:amd64 (3.36.5-0ubuntu1) ...
cetting up libedataserverui-1.2-2:amd64 (3.36.5-0ubuntu1) ...
cetting up libedataserverui-1.2-0:amd64 (3.36.5-0ubuntu1) ...
cetting up libedataserverui-1.2-0:amd64 (3.36.5-0ubuntu1) ...
cetting up libedata-cal-2.0-1:amd64 (3.36.5-0ubuntu1) ...
cetting up libedata-cal-2.0-2-1:amd64 (3.36.5-0ubuntu1) ...
cetting up libedata-cal-2.0-2-1:amd64 (3.36.5-0ubuntu1) ...
cetting up libedata-cal-2.0-2-1:amd64 (3.36.5-0ubuntu1) ...
cetting up libedata-cal-2-2-1:amd64 (3.36.5-0ubuntu1) ...
cetting up libedata-cal-2-2-1:amd64 (3.36.5-0ubuntu
```

#### 安裝 gimp

```
ing dependency tree
g state information... Done
[liowing additional packages will be installed:
[liowing additional packages]
[liowing additiona
```

#### 安裝 Nautilus

#### 安裝 vic

```
| Secondar@LAFTOP-PCNNABMC:-/temp$ sudo apt-get install vic -y second install AFTOP-PCNNABMC:-/temp$ sudo apt-get install vic -y second in package lists. Done
Building dependency tree
Reading package lists. Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
Fonts-freefont-tit libas2-0.7, a libarib22-0, dilbarabe-1 bibas2-0 bibas2-0
```

#### 安裝 X11apps

```
安裝 Google Chrome
                                                     | August 10 - Constants - 7 Chaips and Temp2 | August 12 Chaips | Augu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  =====>] 80.78M 35.5MB/s in 2.3s
       jasonlian@LAPTOP-PCNNAEMG:~/temp/temp2$ sudo dpkg -i google-chrome-stable_current_amd64.deb
Selecting previously unselected package google-chrome-stable.
(Reading database ... 68758 files and directories currently installed.)
Preparing to unpack google-chrome-stable_current_amd64.deb ...
Unpacking google-chrome-stable (102.0.5005.61-1) ...
dpkg: dependency problems prevent configuration of google-chrome-stable:
google-chrome-stable depends on fonts-liberation; however:
Package fonts-liberation is not installed.
    dpkg: error processing package google-chrome-stable (--install): dependency problems - leaving unconfigured Processing triggers for gnome-menus (3.36.0-lubuntul) ... Processing triggers for desktop-file-utils (0.24-lubuntu3) ... Processing triggers for mime-support (3.64ubuntul) ... Processing triggers for man-db (2.9.1-1) ... Errors were encountered while processing:
         | Tasonlian@LAPTOP-PONNAEMG:~/temp/temp2$ sudo apt install --fix-broken -y
| Reading package lists... Done
| Building dependency tree
| Reading state information... Done
| Correcting dependencies... Done
| The following additional packages will be installed:
| fonts-liberation
| For following NEW packages will be installed:
| fonts-liberation
| O upgraded, 1 newly installed, 0 to remove and 78 not upgraded.
| i not fully installed or removed.
| Need to get 822 kB of archives.
| After this operation, 2139 kB of additional disk space will be used.
| Setting the previously unselected package fonts-liberation.
| Setched 822 kB in 2s (427 kB/s)
| Selecting previously unselected package fonts-liberation.
| Reading database ... 68872 files and directories currently installed.)
| Preparing to unpack ... /fonts-liberation (1:1.07.4-11) ...
| Setting up fonts-liberation (1:1.07.4-11) ...
| Setting up google-chrome-stable (102.0.5005.61-1) ...
| update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode update-alternatives: using /usr/bin/google-chrome-stable to provide /usr/bin/google-chrome (google-chrome) in auto mode
```

```
Processing triggers for fontconfig (2.13.1-2ubuntu3) ...

| asonlian@LAPTOP-PCNNABMG:~/temp/temp2$ sudo dpkg -i google-chrome-stable_current_amd64.deb

(Reading database ... 68895 files and directories currently installed.)

Preparing to unpack google-chrome-stable current_amd64.deb ...

Unpacking google-chrome-stable (102.0.5005.61-1) over (102.0.5005.61-1) ...

Setting up google-chrome-stable (102.0.5005.61-1) ...

Processing triggers for gnome-menus (3.36.0-lubuntu1) ...

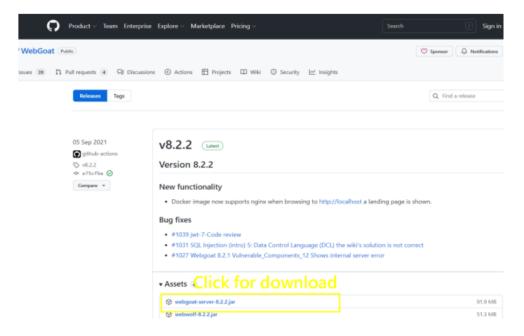
Processing triggers for desktop-file-utils (0.24-lubuntu3) ...

Processing triggers for mime-support (3.64ubuntu1) ...

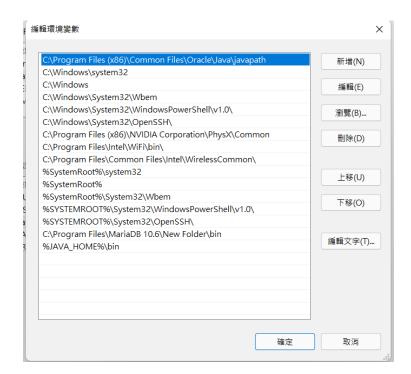
Processing triggers for man-db (2.9.1-1) ...
```

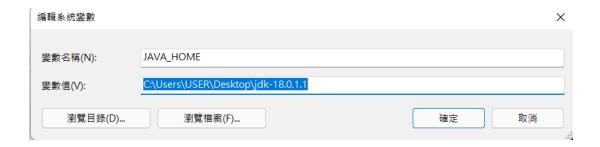
## Webgoat

- 1.要先裝 JRE
- 2.下載 WebGoat
- 3.去 Command Prompt 輸入指令 java -jar webgoat-server-8.2.2.jar



#### 4.設定環境變數



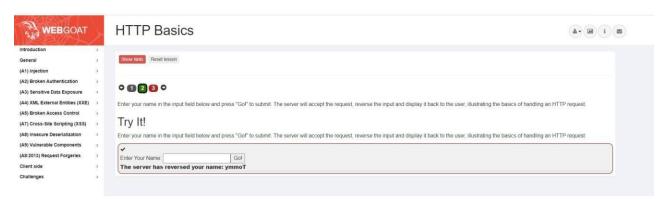




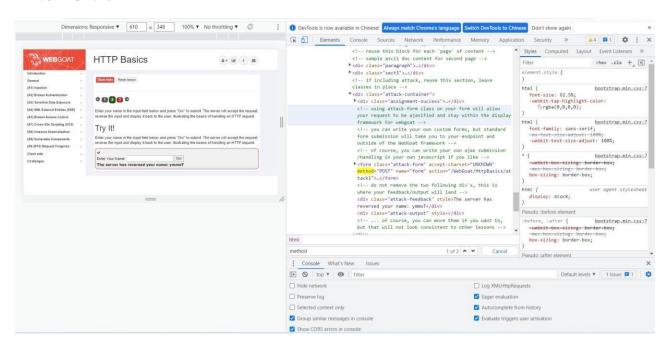
#### 5.執行檔案(出現下面圖案為成功)

#### 使用流程:

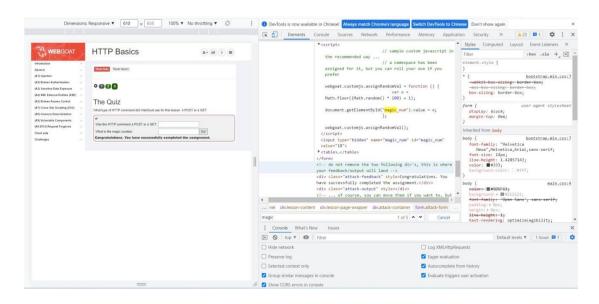
- 1. 開啟瀏覽器
- 2. 輸入名稱



#### 3. 傳送方式為 POST



4. request 裡面有一個 magic num 的參數,這個參數的值在隱藏的表單欄位裡。



## Markdown

H1 = #文字

H3 = ##文字

H6 = ###文字

斜體 =\*文字\*

粗體 = \*\*文字\*\*

刪除線 = ~文字~

小區間 =`文字`

大區間 = /Callout

程式碼 =/code

清單 = -文字

+文字

\*文字

數字清單 = 照片 = /image 字體顏色 = /color 超連結 = /web 目錄 = /toc

# 失敗的實作成品

#### 安裝 unity-tweak-tool

#### 安裝 Flatabulous 主題

```
"jasonlian@LAPTOP-PCNNAEMG:~$ sudo add-apt-repository ppa:noobslab/themes
themes uploaded on http://www.Noobslab.com PPA
For exact theme version and support visit on site and see themes page
More info: https://launchpad.net/~noobslab/tarchive/ubuntu/themes
Press [ENTER] to continue or Ctrl-c to cancel adding it.

Hit:l https://dl.google.com/linux/chrome/deb stable InRelease
Hit:2 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:2 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:5 http://archive.ubuntu.com/ubuntu focal-lupdates InRelease
Hit:5 http://archive.ubuntu.com/ubuntu focal-updates InRelease
BF:6 http://ppa.launchpad.net/noobslab/themes/ubuntu focal Release
BF:16 http://archive.ubuntu.com/ubuntu focal-backports InRelease
Reading package lists... Done
B: The repository 'http://ppa.launchpad.net/noobslab/themes/ubuntu focal Release' does not have a Release file.

N: See apt-secure(8) manpage for repository creation and user configuration
jasonlian@LAPTOP-PCNNABMG:~$ sudo apt-get install flatabulous-theme
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package flatabulous-theme
```

#### 安裝 Flatabulous 主題的配套圖示

```
jasonlian@LAPTOP-PCNNABMG:-\$ sudo add-apt-repository ppa:noobslab/icons
This PPA contains different icons from different creators but available by http://www.NoobsLab.com
More info: https://launchpad.net/~noobslab/+archive/ubuntu/icons
Press [ENTER] to continue or Ctrl-c to cancel adding it.

Hit:1 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:2 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:3 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:4 http://archive.ubuntu.com/ubuntu focal-updates InRelease
Ign:5 http://ppa.launchpad.net/noobslab/icons/ubuntu focal InRelease
Hit:6 http://archive.ubuntu.com/ubuntu focal-backports InRelease
Ign:7 http://ppa.launchpad.net/noobslab/icons/ubuntu focal Release
Err:8 http://ppa.launchpad.net/noobslab/icons/ubuntu focal Release
Err:8 http://ppa.launchpad.net/noobslab/themes/ubuntu focal Release
404 Not Found [IP: 185.125.190.52 80]
Err:9 http://ppa.launchpad.net/noobslab/themes/ubuntu focal Release
404 Not Found [IP: 185.125.190.52 80]
Reading package lists... Done
E: The repository 'http://ppa.launchpad.net/noobslab/icons/ubuntu focal Release' does not have a Release file.
N: Updating from such a repository can't be done securely, and is therefore disabled by default.
N: See apt-secure(8) manpage for repository creation and user configuration details.
E: The repository 'http://ppa.launchpad.net/noobslab/themes/ubuntu focal Release' does not have a Release file.
N: Updating from such a repository can't be done securely, and is therefore disabled by default.
N: See apt-secure(8) manpage for repository creation and user configuration details.
```

# 參考連結:

十分鐘快速掌握 Markdown

https://www.casper.tw/development/2019/11/23/ten-mins-learn-markdown/

ubuntu 常用指令

https://www.itread01.com/article/1528683614.html

實作教學

學習筆記(一) ubuntu 必備軟體安裝及主題優化 - 程式人生 (796t.com)

## 心得

## NFT:

我個人是沒有玩 NFT,因為我覺得現在太多有關 NFT 的詐騙,所以不敢碰這類的東西,但我個人對 NFT 是很有興趣的,只是不太自己下去玩。

## 期末心得:

這次我自己做的實作不是很順利,指令打完之後,不知道為甚 麼沒辦法安裝,剛開始顧著打指令都沒注意有出錯,在網路上 也找不到解決辦法,嘗試其他人的方法也不行