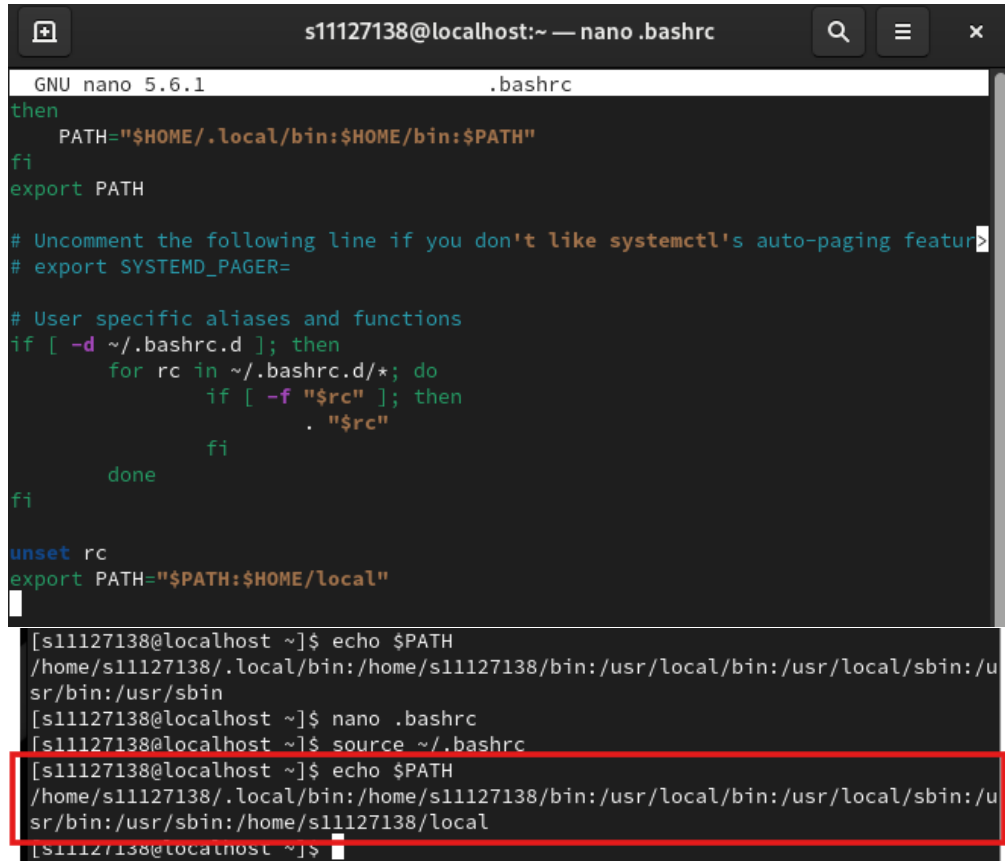


## 第七週-練習一

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1. 請設定可執行檔搜尋路徑原有路徑上加入 home directory 下的 local，且以後登入系統都要有這樣的設定。



```
s11127138@localhost:~ — nano .bashrc
GNU nano 5.6.1 .bashrc
then
    PATH="$HOME/.local/bin:$HOME/bin:$PATH"
fi
export PATH

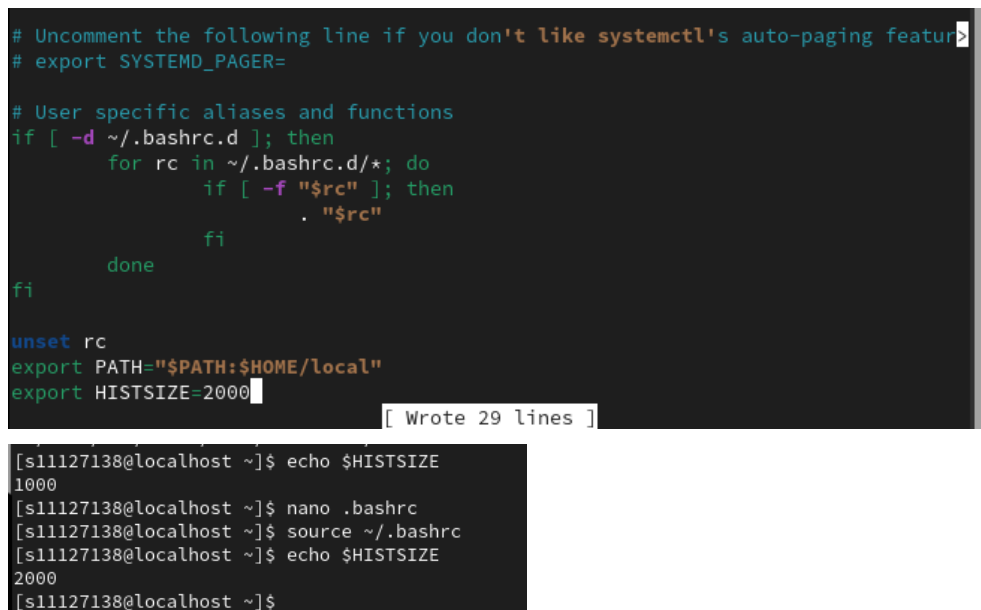
# Uncomment the following line if you don't like systemctl's auto-paging feature>
# export SYSTEMD_PAGER=

# User specific aliases and functions
if [ -d ~/.bashrc.d ]; then
    for rc in ~/.bashrc.d/*; do
        if [ -f "$rc" ]; then
            . "$rc"
        fi
    done
fi

unset rc
export PATH="$PATH:$HOME/local"

[s11127138@localhost ~]$ echo $PATH
/home/s11127138/.local/bin:/home/s11127138/bin:/usr/local/bin:/usr/local/sbin:/u
sr/bin:/usr/sbin
[s11127138@localhost ~]$ nano .bashrc
[s11127138@localhost ~]$ source ~/.bashrc
[s11127138@localhost ~]$ echo $PATH
/home/s11127138/.local/bin:/home/s11127138/bin:/usr/local/bin:/usr/local/sbin:/u
sr/bin:/usr/sbin:/home/s11127138/local
[s11127138@localhost ~]$
```

2. 請修改系統紀錄曾經執行過的命令比數為 2000 筆且以後登入系統都要有這樣的設定。



```
# Uncomment the following line if you don't like systemctl's auto-paging feature>
# export SYSTEMD_PAGER=

# User specific aliases and functions
if [ -d ~/.bashrc.d ]; then
    for rc in ~/.bashrc.d/*; do
        if [ -f "$rc" ]; then
            . "$rc"
        fi
    done
fi

unset rc
export PATH="$PATH:$HOME/local"
export HISTSIZE=2000

[ Wrote 29 lines ]

[s11127138@localhost ~]$ echo $HISTSIZE
1000
[s11127138@localhost ~]$ nano .bashrc
[s11127138@localhost ~]$ source ~/.bashrc
[s11127138@localhost ~]$ echo $HISTSIZE
2000
[s11127138@localhost ~]$
```

3. 請設定系統提示符號為 主機名稱-目前所在目錄的絕對路徑:

```
s11127138@localhost:~/dira/dirb

[s11127138@localhost ~]$ echo $PS1
[\u@\h \W]\$
[s11127138@localhost ~]$ PS1='[\u@\h \w]\$'
[s11127138@localhost ~]$ ls
abc123          Desktop      Downloads   Public
appstream-compose  dira        Music       s11127138-1008
avahi-resolve-host-name dirc        myls        Templates
avahi-set-host-name Documents   Pictures    Videos
[s11127138@localhost ~]$ cd abc123
bash: cd: abc123: Not a directory
[s11127138@localhost ~]$ cd dira
[s11127138@localhost ~/dira]$ ls
dirb
[s11127138@localhost ~/dira]$ cd dirb/dirc
bash: cd: dirb/dirc: No such file or directory
[s11127138@localhost ~/dira]$ cd dirb
[s11127138@localhost ~/dira/dirb]$ ls
456 789 mysysconfig
[s11127138@localhost ~/dira/dirb]$
```

4. 請設定一變數值為 /usr/bin，請使用變數執行 /usr/bin/ls 指令列出 /etc 下一層檔案名清單。

```
[s11127138@localhost ~/dira/dirb]$ tmpls=/usr/bin
[s11127138@localhost ~/dira/dirb]$ tmpls
bash: tmpls: command not found...
[s11127138@localhost ~/dira/dirb]$ echo $tmpls
/usr/bin
[s11127138@localhost ~/dira/dirb]$ $tmpls/ls
456 789 mysysconfig
[s11127138@localhost ~/dira/dirb]$ ls
456 789 mysysconfig
[s11127138@localhost ~/dira/dirb]$ $tmpls/ls /etc
accountsservice      gshadow              printcap
adjtime              gshadow-             profile
aliases              gss                  profile.d
alsa                 host.conf            protocols
alternatives         hostname             pulse
```

5. 請使用變數列出目前使用的終端機的 bash process ID.

```
[s11127138@localhost ~]$ echo $$
15441
[s11127138@localhost ~]$ ps
  PID TTY          TIME CMD
 15441 pts/2    00:00:00 bash
 15490 pts/2    00:00:00 ps
[s11127138@localhost ~]$
```