

Trần Tấn Phát

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## Lab9

### Bài làm

#### Phần 1:

```
|   |-- hw1.txt
|   |-- hw2.txt
|-- Memos
|   '-- memo1.txt
|-- Work
|   |-- task1
|   |-- task2
|   |-- task3
|   |-- dataset.csv
|   '-- hw1.txt
   '-- archive1.zip
Files
|-- Homework.zip
`-- report.docx
Images
|-- memories
|   '-- childhood1.png
```

```
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ mkdir -p Docs/Homework Docs/Memos Docs/Work/task1 Docs/Work/task2
Docs/Work/task3
mkdir -p Files Images/travel Images/relatives Images/memories

touch Docs/Homework/hw1.txt Docs/Homework/hw2.txt
touch Docs/Memos/memo1.txt
touch Docs/Work/task1/config.cfg
touch Docs/Work/dataset.csv
touch Docs/Work/task3/process.py
touch Files/archive1.zip Files/report.docx
touch Images/travel/photo1.jpg Images/memories/childhood1.png
touch: cannot touch 'Docs/Work/task1/config.cfg': Permission denied
touch: cannot touch 'Docs/Work/task3/process.py': Permission denied
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ cp Docs/Homework/hw1.txt Docs/Work/
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ mv Files/archive1.zip Docs/
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ find Docs -name "*txt" -exec cat {} \;
```

```
touch Docs/Work/task3/process.py
touch Files/archive1.zip Files/report.docx
touch Images/travel/photo1.jpg Images/memories/childhood1.png
touch: cannot touch 'Docs/Work/task1/config.cfg': Permission denied
touch: cannot touch 'Docs/Work/task3/process.py': Permission denied
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ cp Docs/Homework/hw1.txt Docs/Work/
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ mv Files/archive1.zip Docs/
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ find Docs -name "*txt" -exec cat {} \;
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ find Images -type f | wc -l
2
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ chmod 600 Docs/Work/* -R
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ zip -r Homework.zip Docs/Homework
mv Homework.zip Files/
adding: Docs/Homework/ (stored 0%)
adding: Docs/Homework/hw1.txt (stored 0%)
adding: Docs/Homework/hw2.txt (stored 0%)
ubuntu@ubuntu-2274802010644:~/iDragonCloud$
```

## Phần 2

```
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo useradd TranPhat
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo passwd TranPhat
New password:
Retype new password:
passwd: password updated successfully
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ █
```

```
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo groupadd mygroup
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo usermod -aG mygroup TranPhat
usermod: user 'TranPhat' does not exist
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo usermod -aG mygroup TranPhat
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo passwd TranPhat
New password:
Retype new password:
Sorry, passwords do not match.
passwd: Authentication token manipulation error
passwd: password unchanged
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo passwd TranPhat
New password:
Retype new password:
passwd: password updated successfully
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ █
```

```
passwd: password updated successfully
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo groupadd mygroup
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo usermod -aG mygroup TranPhat
usermod: user 'TranPhat' does not exist
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo usermod -aG mygroup TranPhat
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo passwd TranPhat
New password:
Retype new password:
Sorry, passwords do not match.
passwd: Authentication token manipulation error
passwd: password unchanged
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo passwd TranPhat
New password:
Retype new password:
passwd: password updated successfully
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ client_loop: send disconnect: Broken pipe
(base) trantanphat@Macintosh-5 LAB8 % █
```

```
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ mkdir myfolder
sudo chown :mygroup myfolder
sudo chmod 770 myfolder
chown: changing group of 'myfolder': Permission denied
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo userdel TranPhat
userdel: user 'TranPhat' does not exist
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo userdel TranPhat
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo groupdel mygroup
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ sudo useradd newuser
sudo groupadd groupA
sudo groupadd groupB
sudo usermod -aG groupA,groupB newuser
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ █
```

## Phần 3:

```
Successfully installed manpages-0.6.1
Fetching lolcat-100.0.1.gem
Successfully installed lolcat-100.0.1
Parsing documentation for manpages-0.6.1
Installing ri documentation for manpages-0.6.1
Parsing documentation for lolcat-100.0.1
Installing ri documentation for lolcat-100.0.1
Done installing documentation for manpages, lolcat after 0 seconds
2 gems installed
ubuntu@ubuntu-2274802010644:~/iDragonCloud$ figlet "TRAN PHAT" | lolcat
```



```
ubuntu@ubuntu-2274802010644:~/iDragonCloud$
```



```
ubuntu@ubuntu-2274802010644:~/iDragonCloud$
```

```
GNU nano 6.2
TRAN PHAT
MSSV: 2274802010644
```

```
text.txt
```

```
^G Help      ^O Write Out     ^W Where Is      ^K Cut          [ Read 3 lines ]
^X Exit      ^R Read File     ^E Replace      ^I Paste        Execute
                                         ^J Justify      ^L Go To Line   Location
                                         ^U Undo        ^F Redo        Undo
                                         M-U           M-F          Set Mark
                                         M-A           M-R          Conv
                                         M-T           M-W          To Bracket
                                         M-C           M-B          Where Was
```

## Phần 4

GNU nano 6.2

```
read -p "Nhập số tháng" months
total_water=0
total_cost=0

for ((i=1; i<=months; i++)); do
    read -p "Nhập lượng nước tháng $i (m³): " water
    month_cost=0
    total_water=$((total_water + water))
    if [ $water -le 10 ]; then
        month_cost=$((water * 5973))
    elif [ $water -le 20 ]; then
        month_cost=$((10*5973 + (water-10)*7052))
    elif [ $water -le 30 ]; then
```

**^G** Help  
**^X** Exit

**^O** Write Out  
**^R** Read File

**^W** Where Is  
**^\\** Replace

**^K** Cut  
**^U** Paste

```
Chi phí nước tháng 5: 4448940 VND
Nhập lượng nước tháng 6 (m³): 231
Cạnh bao tháng 6 tiêu thụ vượt 100 m³
Chi phí nước tháng 6: 3098940 VND
Nhập lượng nước tháng 7 (m³): 444
Cạnh bao tháng 7 tiêu thụ vượt 100 m³
Chi phí nước tháng 7: 6293940 VND
Nhập lượng nước tháng 8 (m³): 111
Cạnh bao tháng 8 tiêu thụ vượt 100 m³
Chi phí nước tháng 8: 1298940 VND
Nhập lượng nước tháng 9 (m³): 0
Chi phí nước tháng 9: 0 VND
-----
tổng lượng nước 1740 m³
tổng chi phí 23171520 VND
Tiêu thụ quá cao
ubuntu@ubuntu-2274802010644:~/iDragonCloud$
```