

Trần Tấn Phát

MSSV: 2274802010644

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$
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 TranPnat
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 TranPnat
usermod: user 'TranPnat' 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 TranPnat
usermod: user 'TranPnat' 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 'TranPh' 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
```

TRAN PHAT

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



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

```
GNU nano 6.2
Tran Tan Phat
MSSV: 2274802010644
```

text.txt

Help  
Exit

Write Out  
Read File

Where Is  
Replace

Cut  
Paste

Execute  
Justify

Location  
Go To Line

Undo  
Redo

Set Mark  
Conv

To Bracket  
Where Was

## Phần 4

GNU nano 6.2

```
read -p "Nhap so thang" months
total_water=0
total_cost=0

for ((i=1; i<=months; i++)); do
    read -p "Nhap luong nuoc thang $i (m3): " water
    month_cost=0
    total_water=$((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 phi nuoc thang 5: 4448940 VND  
Nhap luong nuoc thang 6 (m3): 231  
Canh bao thang 6 tieu thu vuot 100 m3  
Chi phi nuoc thang 6: 3098940 VND  
Nhap luong nuoc thang 7 (m3): 444  
Canh bao thang 7 tieu thu vuot 100 m3  
Chi phi nuoc thang 7: 6293940 VND  
Nhap luong nuoc thang 8 (m3): 111  
Canh bao thang 8 tieu thu vuot 100 m3  
Chi phi nuoc thang 8: 1298940 VND  
Nhap luong nuoc thang 9 (m3): 0  
Chi phi nuoc thang 9: 0 VND

-----  
tong luong nuoc 1740 m3<sup>3</sup>  
tong chi phi 23171520 VND  
Tieu thu qua cao

ubuntu@ubuntu-2274802010644:~/iDragonCloud\$