

Họ và tên: Ngô Hồng Quốc Bảo

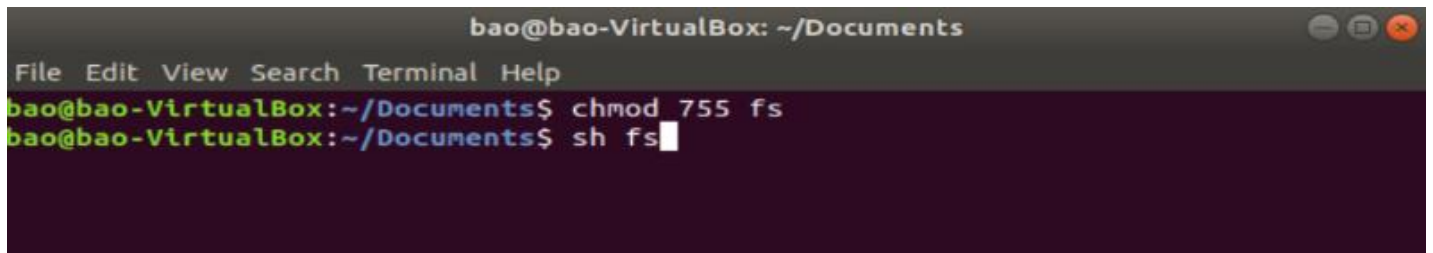
MSSV: B1809677

THỰC HÀNH NGUYÊN LÝ HỆ ĐIỀU HÀNH

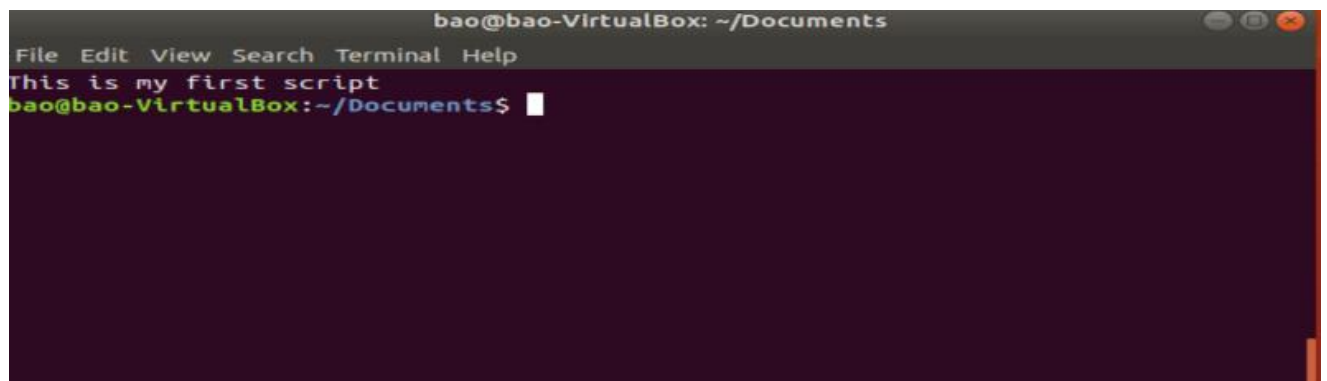
(Buổi 2)

Bài 1:

- chmod 755 fs
- sh fs

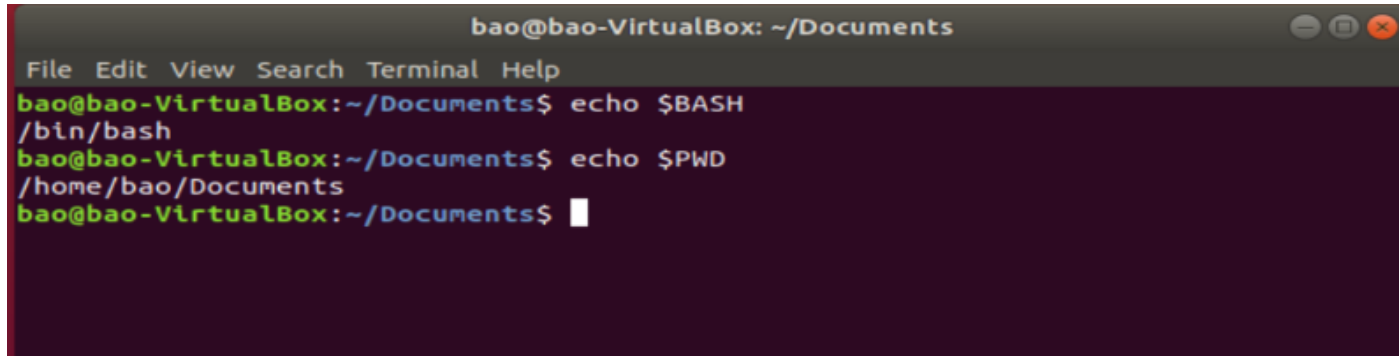


```
bao@bao-VirtualBox: ~/Documents
File Edit View Search Terminal Help
bao@bao-VirtualBox:~/Documents$ chmod 755 fs
bao@bao-VirtualBox:~/Documents$ sh fs
```



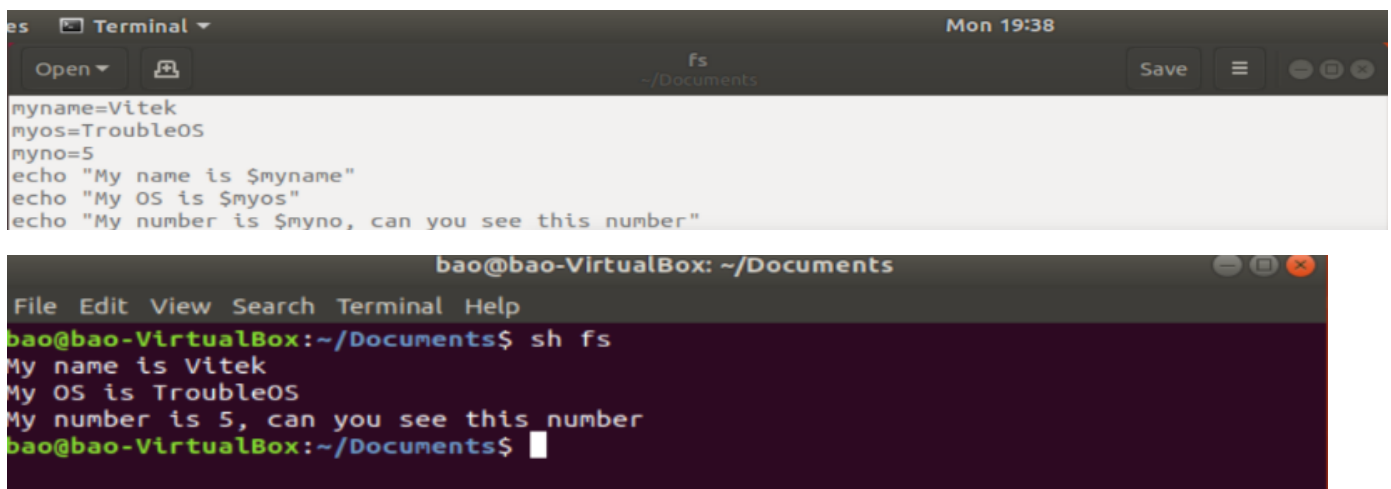
```
bao@bao-VirtualBox: ~/Documents
File Edit View Search Terminal Help
This is my first script
bao@bao-VirtualBox:~/Documents$
```

- echo \$BASH
- echo \$PWD



```
bao@bao-VirtualBox: ~/Documents
File Edit View Search Terminal Help
bao@bao-VirtualBox:~/Documents$ echo $BASH
/bin/bash
bao@bao-VirtualBox:~/Documents$ echo $PWD
/home/bao/Documents
bao@bao-VirtualBox:~/Documents$
```

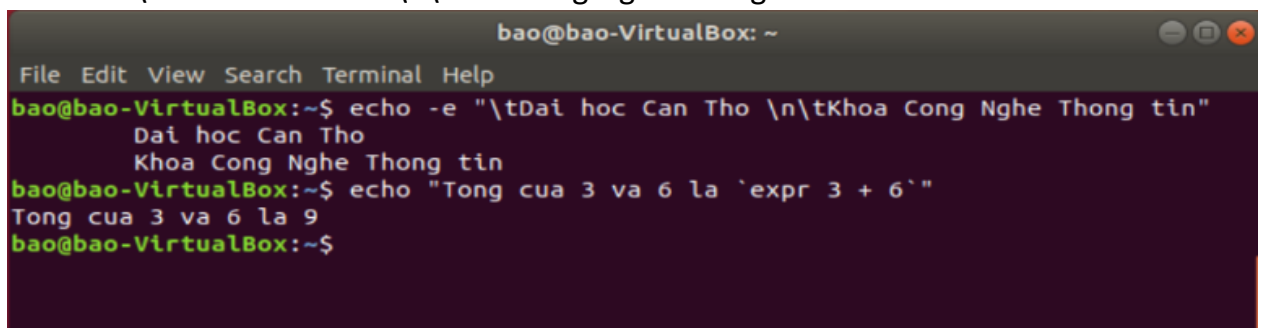
- sh fs



```
es Terminal Mon 19:38
Open Fs Save
myname=Vitek
myos=TroubleOS
myno=5
echo "My name is $myname"
echo "My OS is $myos"
echo "My number is $myno, can you see this number"

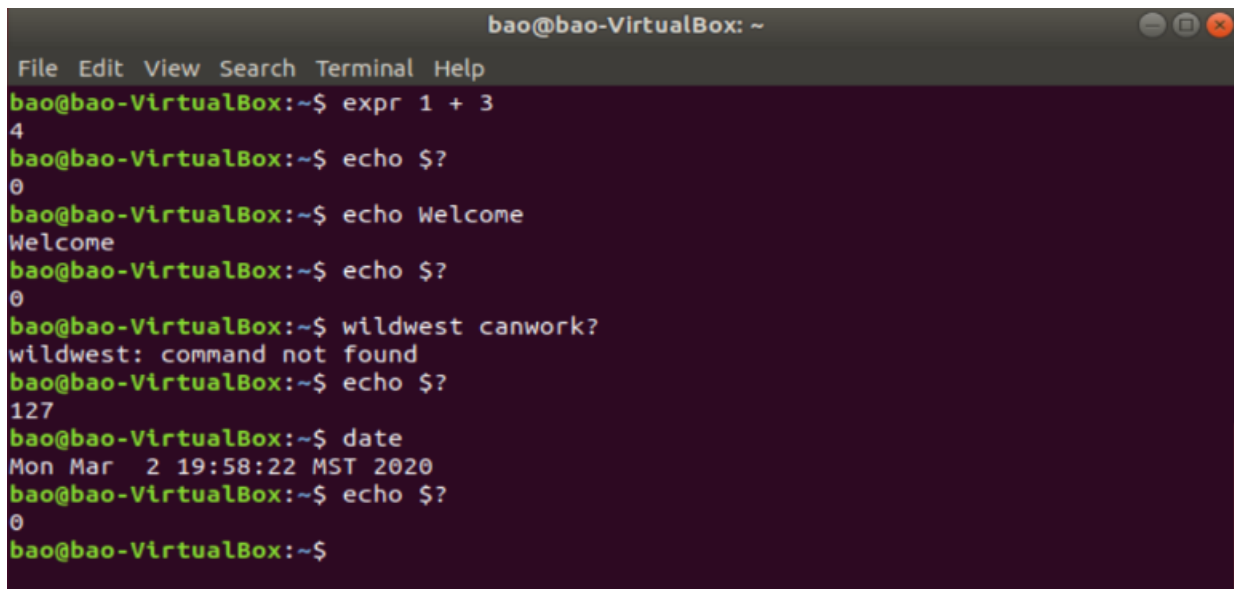
bao@bao-VirtualBox: ~/Documents
File Edit View Search Terminal Help
bao@bao-VirtualBox:~/Documents$ sh fs
My name is Vitek
My OS is TroubleOS
My number is 5, can you see this number
bao@bao-VirtualBox:~/Documents$
```

- echo -e "\tDai hoc Can Tho \n\Khoa Cong Nghe Thong Tin"



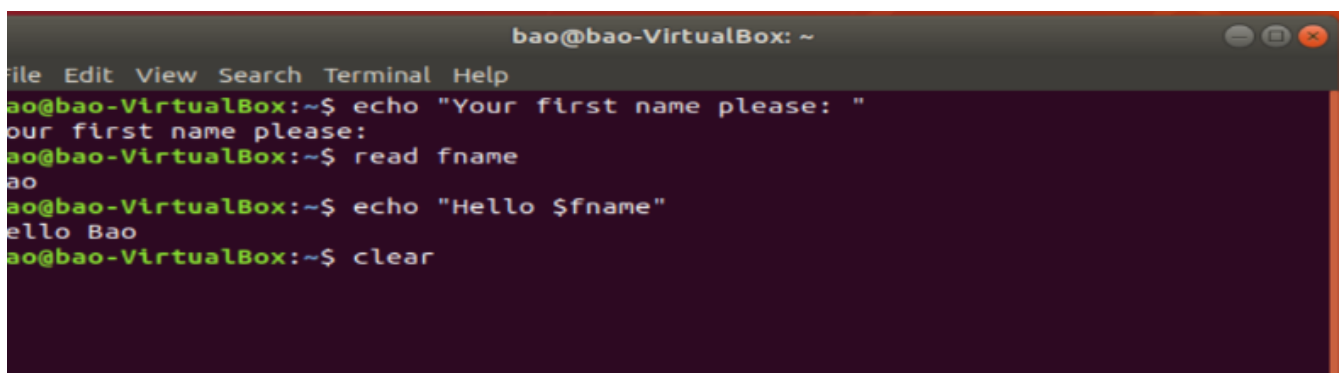
```
bao@bao-VirtualBox: ~
File Edit View Search Terminal Help
bao@bao-VirtualBox:~$ echo -e "\tDai hoc Can Tho \n\tKhoa Cong Nghe Thong tin"
    Dai hoc Can Tho
    Khoa Cong Nghe Thong tin
bao@bao-VirtualBox:~$ echo "Tong cua 3 va 6 la `expr 3 + 6`"
Tong cua 3 va 6 la 9
bao@bao-VirtualBox:~$
```

- `expr 1 + 3`
- `echo $?`
- `echo Welcome`
- `wildwest canwork`
- `echo $?`
- `date`
- `echo $?`

A terminal window titled 'bao@bao-VirtualBox: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and their outputs:

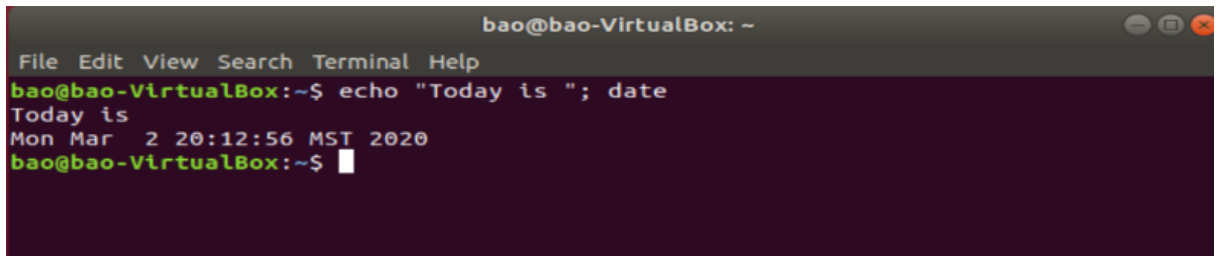
```
bao@bao-VirtualBox:~$ expr 1 + 3
4
bao@bao-VirtualBox:~$ echo $?
0
bao@bao-VirtualBox:~$ echo Welcome
Welcome
bao@bao-VirtualBox:~$ echo $?
0
bao@bao-VirtualBox:~$ wildwest canwork?
wildwest: command not found
bao@bao-VirtualBox:~$ echo $?
127
bao@bao-VirtualBox:~$ date
Mon Mar  2 19:58:22 MST 2020
bao@bao-VirtualBox:~$ echo $?
0
bao@bao-VirtualBox:~$
```

- `echo "Your first name please"`
- `read fname`
- `echo "Hello $fname"`

A terminal window titled 'bao@bao-VirtualBox: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and their outputs:

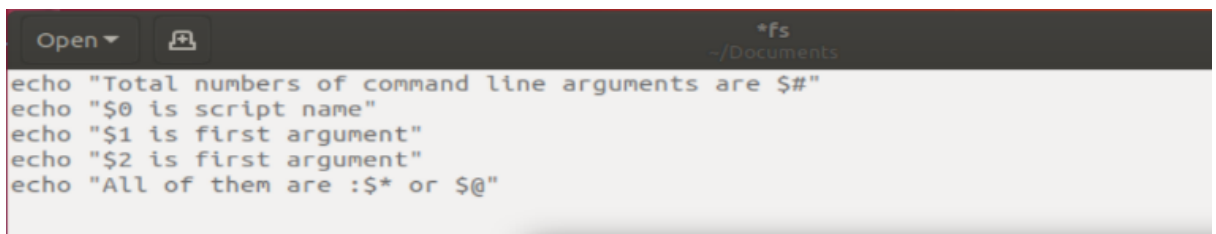
```
bao@bao-VirtualBox:~$ echo "Your first name please: "
Your first name please:
bao@bao-VirtualBox:~$ read fname
bao
bao@bao-VirtualBox:~$ echo "Hello $fname"
Hello Bao
bao@bao-VirtualBox:~$ clear
```

- echo "Today is "; date

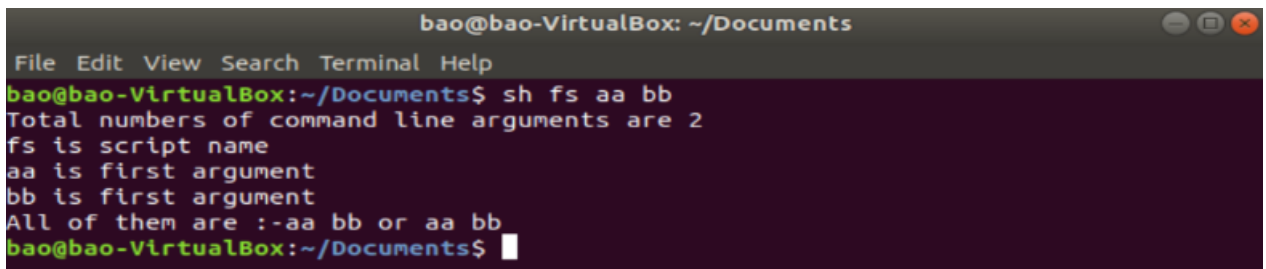


```
bao@bao-VirtualBox: ~  
File Edit View Search Terminal Help  
bao@bao-VirtualBox:~$ echo "Today is "; date  
Today is  
Mon Mar  2 20:12:56 MST 2020  
bao@bao-VirtualBox:~$
```

- sh fs aa bb



```
Open [icon] *fs ~/Documents  
echo "Total numbers of command line arguments are $#"  
echo "$0 is script name"  
echo "$1 is first argument"  
echo "$2 is first argument"  
echo "All of them are :$* or $@"
```



```
bao@bao-VirtualBox: ~/Documents  
File Edit View Search Terminal Help  
bao@bao-VirtualBox:~/Documents$ sh fs aa bb  
Total numbers of command line arguments are 2  
fs is script name  
aa is first argument  
bb is first argument  
All of them are :-aa bb or aa bb  
bao@bao-VirtualBox:~/Documents$
```

Bài 2:

- sh fs




```
Open [icon] fs ~/Documents Save [icon]  
echo "Today is "; date  
echo "Hello $USER"  
echo "Your current working directory: $PWD"  
echo "Your home directory: $HOME"  
echo "Press nay key to continue"  
read finish
```

```
bao@bao-VirtualBox: ~/Documents
File Edit View Search Terminal Help
bao@bao-VirtualBox:~/Documents$ sh fs
Today is
Mon Mar  2 21:41:36 MST 2020
Hello bao
Your current working directory: /home/bao/Documents
Your home directory: /home/bao
Press nay key to continue
```

Bài 3:

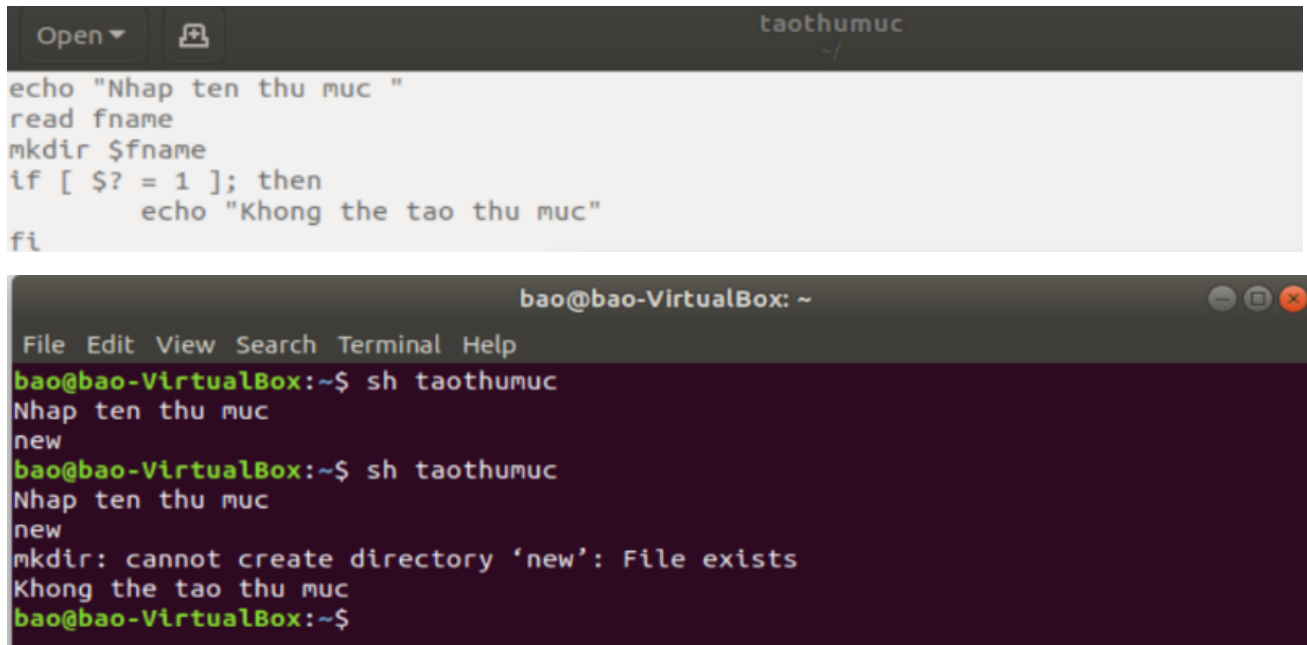
- sh fs 6 5

```
Open ▾  fs
~/Documents
echo "Tham so ban da tuyen vao la 2 so: $1 va $2"
echo "Tong x + y: `expr $1 + $2`"
echo "Hieu x - y: `expr $1 - $2`"
echo "Hieu x - y: `expr $1 \* $2`"
echo "Thuong x / y: `expr $1 / $2`"
echo "So du x % y: `expr $1 % $2`"
```

```
bao@bao-VirtualBox: ~/Documents
File Edit View Search Terminal Help
bao@bao-VirtualBox:~/Documents$ sh fs 6 5
Tham so ban da tuyen vao la 2 so: 6 va 5
Tong x + y: 11
Hieu x - y: 1
Hieu x - y: 30
Thuong x / y: 1
So du x % y: 1
bao@bao-VirtualBox:~/Documents$
```

Bài 4:

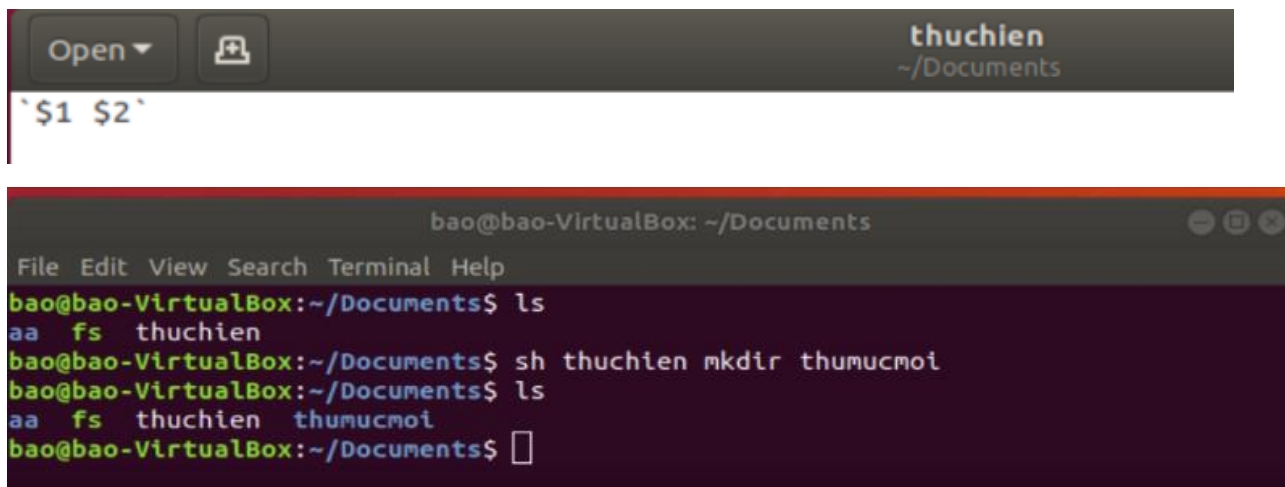
- sh taothumuc



```
taothumuc
~/
echo "Nhap ten thu muc "
read fname
mkdir $fname
if [ $? = 1 ]; then
    echo "Khong the tao thu muc"
fi

bao@bao-VirtualBox: ~
File Edit View Search Terminal Help
bao@bao-VirtualBox:~$ sh taothumuc
Nhap ten thu muc
new
bao@bao-VirtualBox:~$ sh taothumuc
Nhap ten thu muc
new
mkdir: cannot create directory 'new': File exists
Khong the tao thu muc
bao@bao-VirtualBox:~$
```

Bài 5:



```
thuchien
~/Documents
`$1 $2`

bao@bao-VirtualBox: ~/Documents
File Edit View Search Terminal Help
bao@bao-VirtualBox:~/Documents$ ls
aa fs thuchien
bao@bao-VirtualBox:~/Documents$ sh thuchien mkdir thumucmoi
bao@bao-VirtualBox:~/Documents$ ls
aa fs thuchien thumucmoi
bao@bao-VirtualBox:~/Documents$
```

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