

LAB 3

GIỚI THIỆU VỀ SHELL VÀ CÁC LỆNH CƠ BẢN

Họ tên và MSSV: HA LA PHIN B2110093

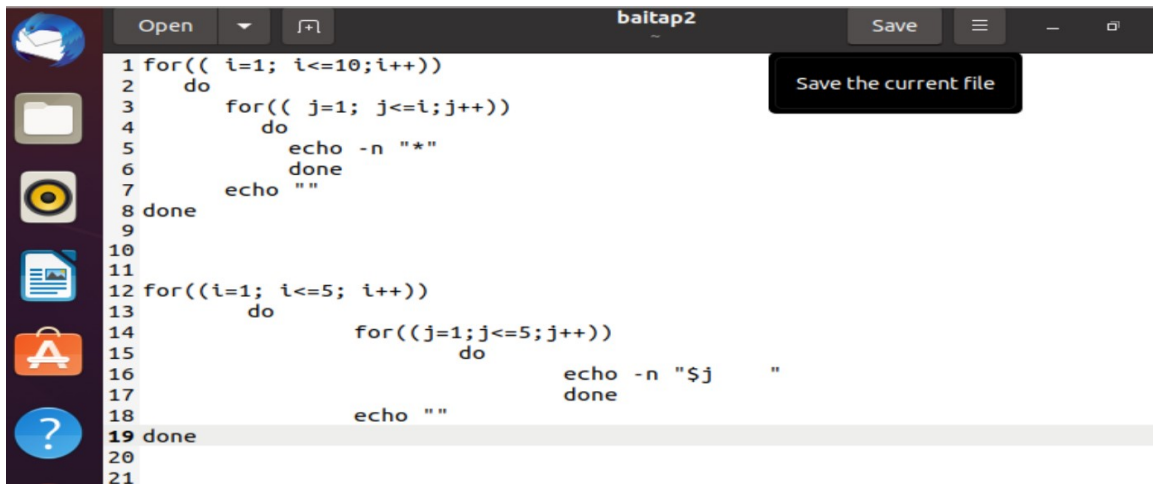
Nhóm học phần: CT17805

Bài 2:

Thực hành

```
phin@phin-VirtualBox:~$ gedit baitap2
phin@phin-VirtualBox:~$ ./baitap2
*
**
***
****
*****
*****
*****
*****
*****
*****
*****
1      2      3      4      5
1      2      3      4      5
1      2      3      4      5
1      2      3      4      5
1      2      3      4      5
phin@phin-VirtualBox:~$
```

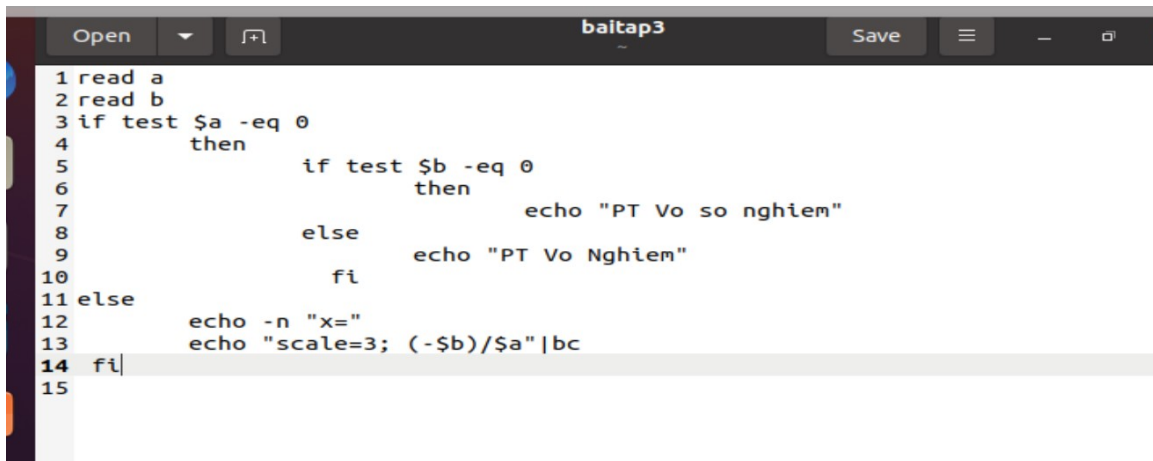
Script shell



```
1 for(( i=1; i<=10;i++))
2 do
3     for(( j=1; j<=i;j++))
4     do
5         echo -n "*"
6     done
7     echo ""
8 done
9
10
11
12 for((i=1; i<=5; i++))
13 do
14     for((j=1;j<=5;j++))
15     do
16         echo -n "$j   "
17     done
18     echo ""
19 done
20
21
```

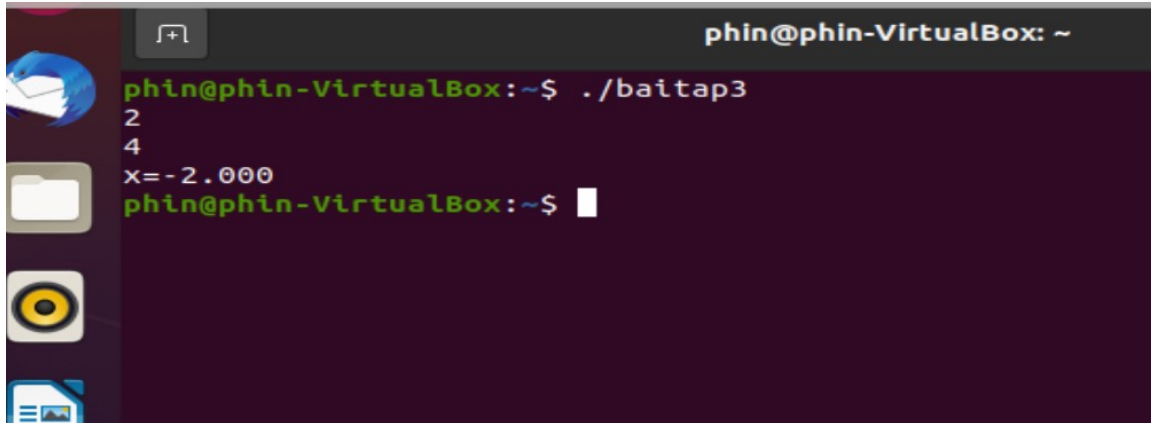
Bài 3:

Script Shell



```
1 read a
2 read b
3 if test $a -eq 0
4 then
5     if test $b -eq 0
6     then
7         echo "PT Vo so nghiem"
8     else
9         echo "PT Vo Nghiem"
10    fi
11 else
12     echo -n "x="
13     echo "scale=3; (-$b)/$a"|bc
14 fi
15
```

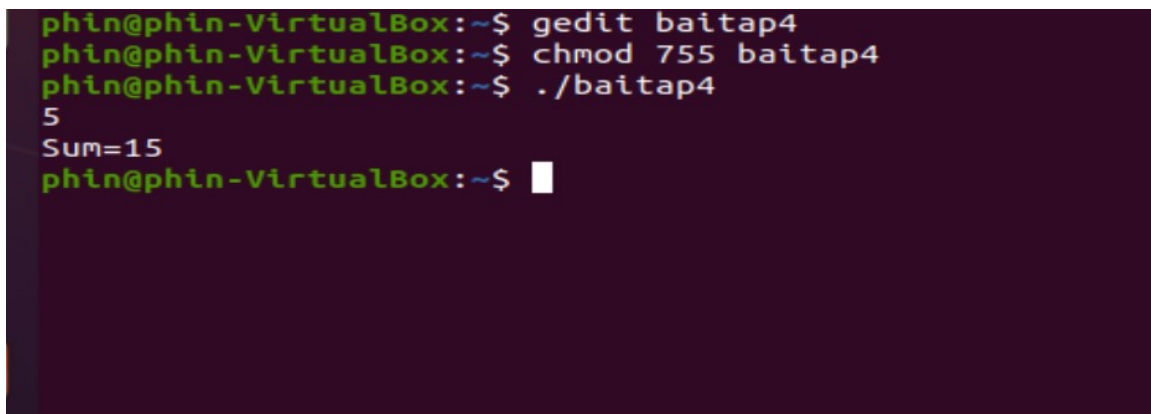
Thực hành:



```
phn@phn-VirtualBox: ~  
phn@phn-VirtualBox:~$ ./baitap3  
2  
4  
x=-2.000  
phn@phn-VirtualBox:~$
```

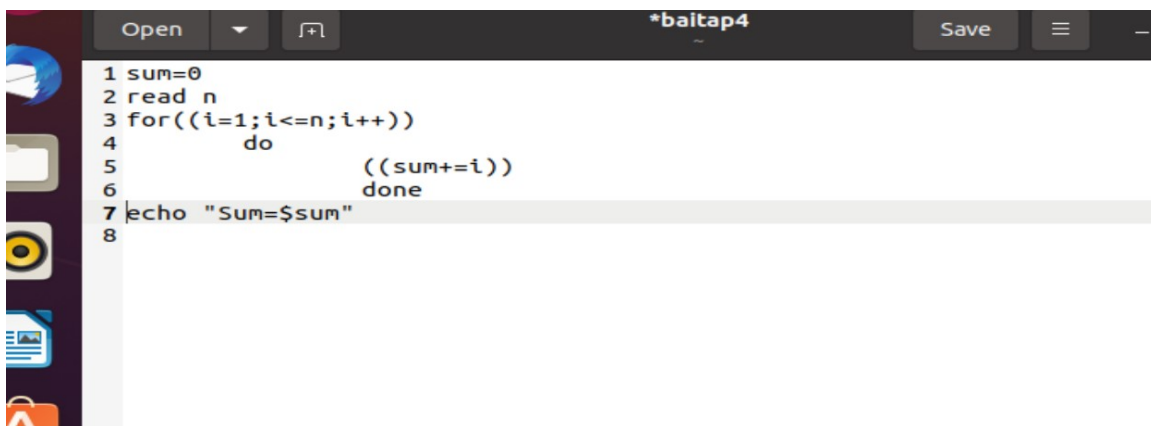
Bài 4:

Thực hành:



```
phn@phn-VirtualBox:~$ gedit baitap4  
phn@phn-VirtualBox:~$ chmod 755 baitap4  
phn@phn-VirtualBox:~$ ./baitap4  
5  
Sum=15  
phn@phn-VirtualBox:~$
```

Script Shell



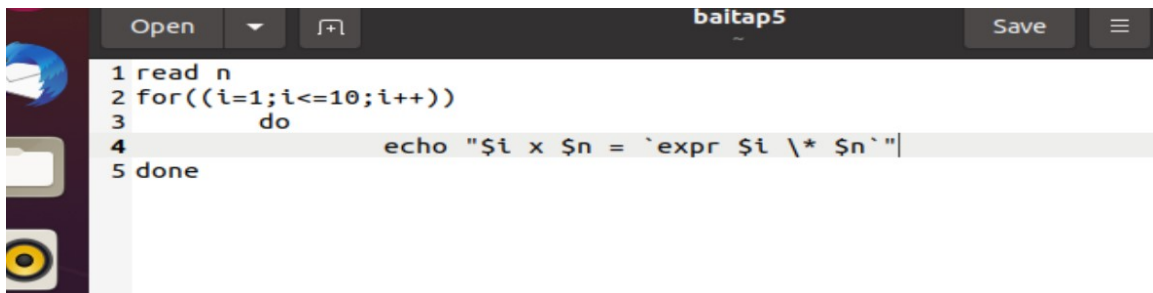
```
*baitap4  
1 sum=0  
2 read n  
3 for((i=1;i<=n;i++))  
4     do  
5         ((sum+=i))  
6     done  
7 echo "Sum=$sum"  
8
```

Bài 5

Thực hành

```
phin@phin-VirtualBox:~$ gedit baitap5
phin@phin-VirtualBox:~$ ./baitap5
5
1 x 5 = 5
2 x 5 = 10
3 x 5 = 15
4 x 5 = 20
5 x 5 = 25
6 x 5 = 30
7 x 5 = 35
8 x 5 = 40
9 x 5 = 45
10 x 5 = 50
phin@phin-VirtualBox:~$
```

Script Shell:



```
1 read n
2 for((i=1;i<=10;i++))
3 do
4     echo "$i x $n = `expr $i \\* $n`"
5 done
```

Bài 6

Thực hành:

```
phin@phin-VirtualBox: ~  
phin@phin-VirtualBox:~$ chmod 755 baitap6  
phin@phin-VirtualBox:~$ ./baitap6  
5  
Thu muc User_1 da duoc tao  
Thu muc User_2 da duoc tao  
Thu muc User_3 da duoc tao  
Thu muc User_4 da duoc tao  
Thu muc User_5 da duoc tao  
phin@phin-VirtualBox:~$ ls -l  
total 72  
-rwxr-xr-x 1 phin phin 227 Thg 9 30 23:20 baitap2  
-rwxr-xr-x 1 phin phin 186 Thg 9 30 23:41 baitap3  
-rwxr-xr-x 1 phin phin 74 Thg 9 30 23:47 baitap4  
-rwxr-xr-x 1 phin phin 72 Thg 9 30 23:50 baitap5  
-rwxr-xr-x 1 phin phin 131 Thg 9 30 23:55 baitap6  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:05 Desktop  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:05 Documents  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:05 Downloads  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:05 Music  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:16 Pictures  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:05 Public  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:05 Templates  
drwxrwxr-x 2 phin phin 4096 Thg 9 30 23:55 user_1  
drwxrwxr-x 2 phin phin 4096 Thg 9 30 23:55 user_2  
drwxrwxr-x 2 phin phin 4096 Thg 9 30 23:55 user_3  
drwxrwxr-x 2 phin phin 4096 Thg 9 30 23:55 user_4  
drwxrwxr-x 2 phin phin 4096 Thg 9 30 23:55 user_5  
drwxr-xr-x 2 phin phin 4096 Thg 9 30 23:05 Videos  
phin@phin-VirtualBox:~$
```

Script Shell

```
Open  baitap6  Save  
1 read n  
2 for((i=1; i<=n;i++))  
3     do  
4         if mkdir user_$i  
5             then  
6                 echo "Thu muc User_$i da duoc tao"  
7             fi  
8 done  
9  
10
```

