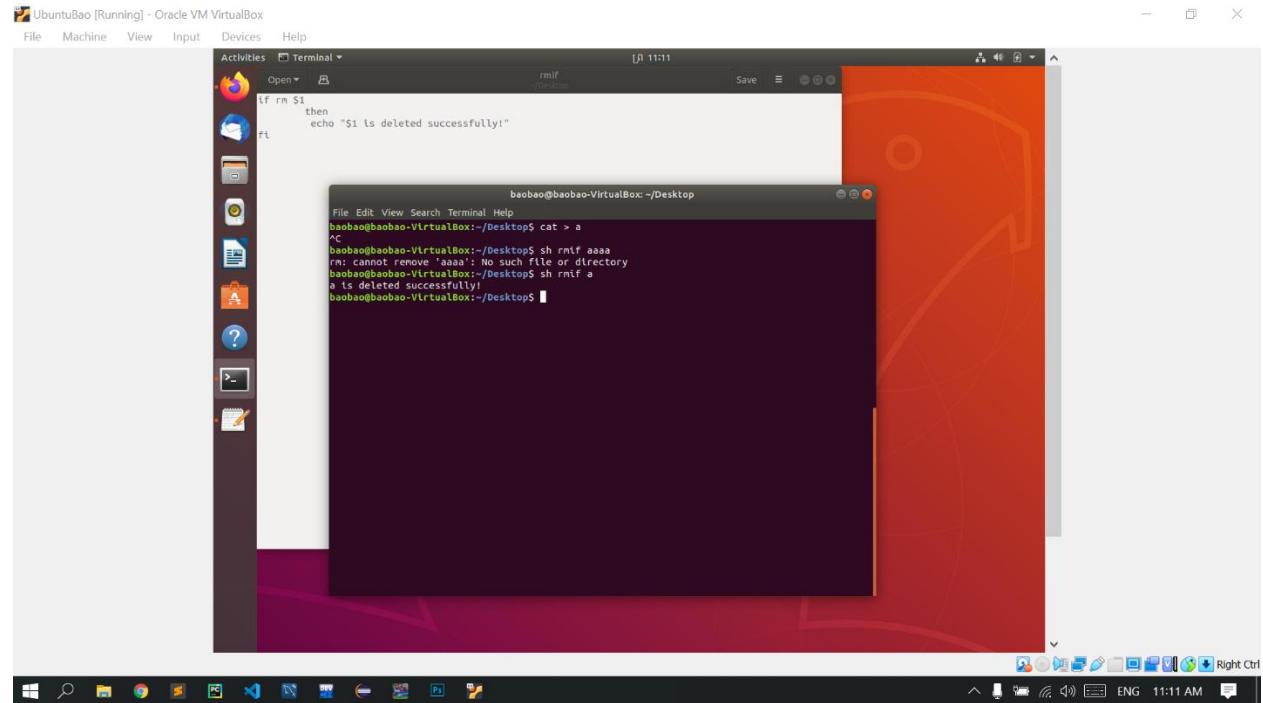


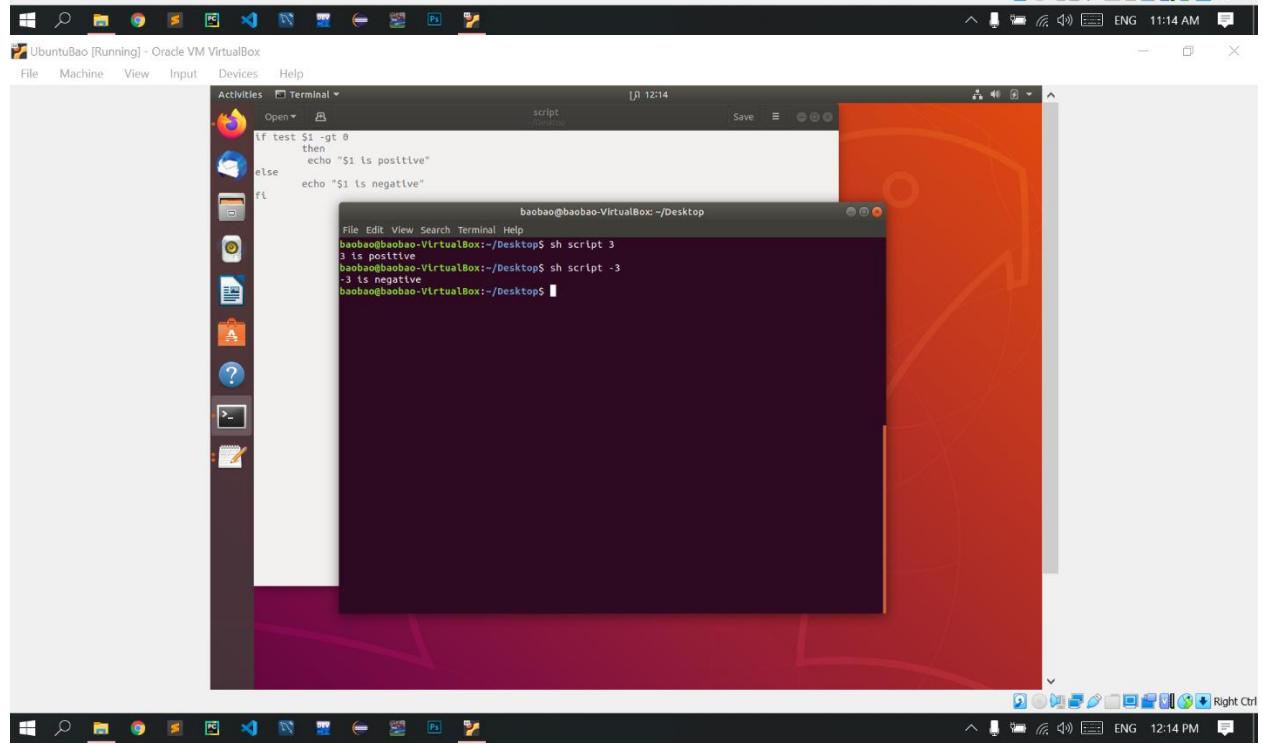
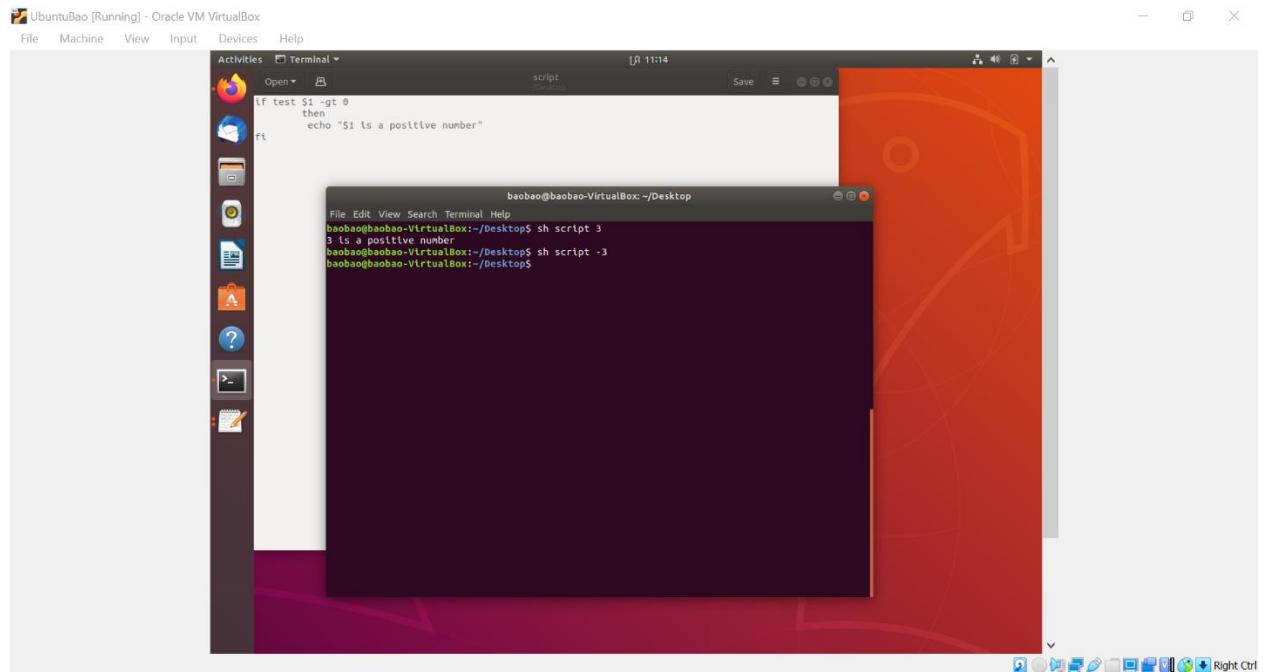
Họ và tên: Ngô Hồng Quốc Bảo

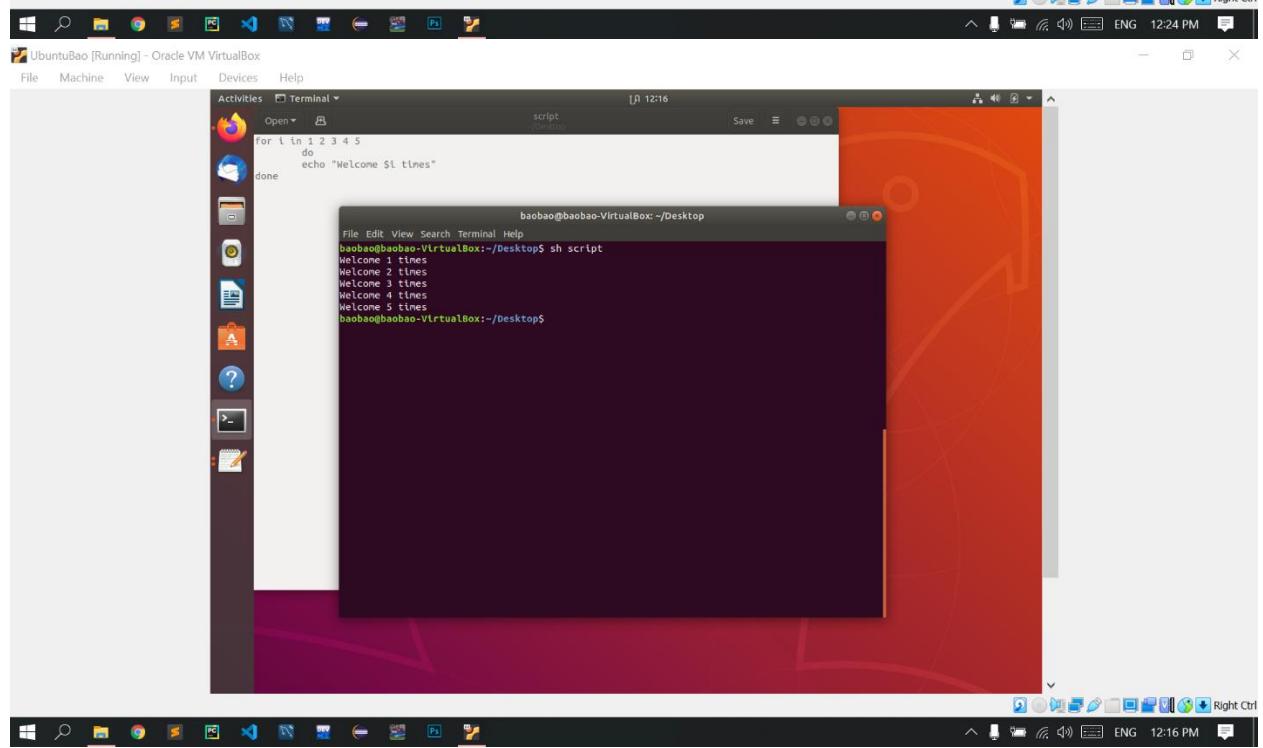
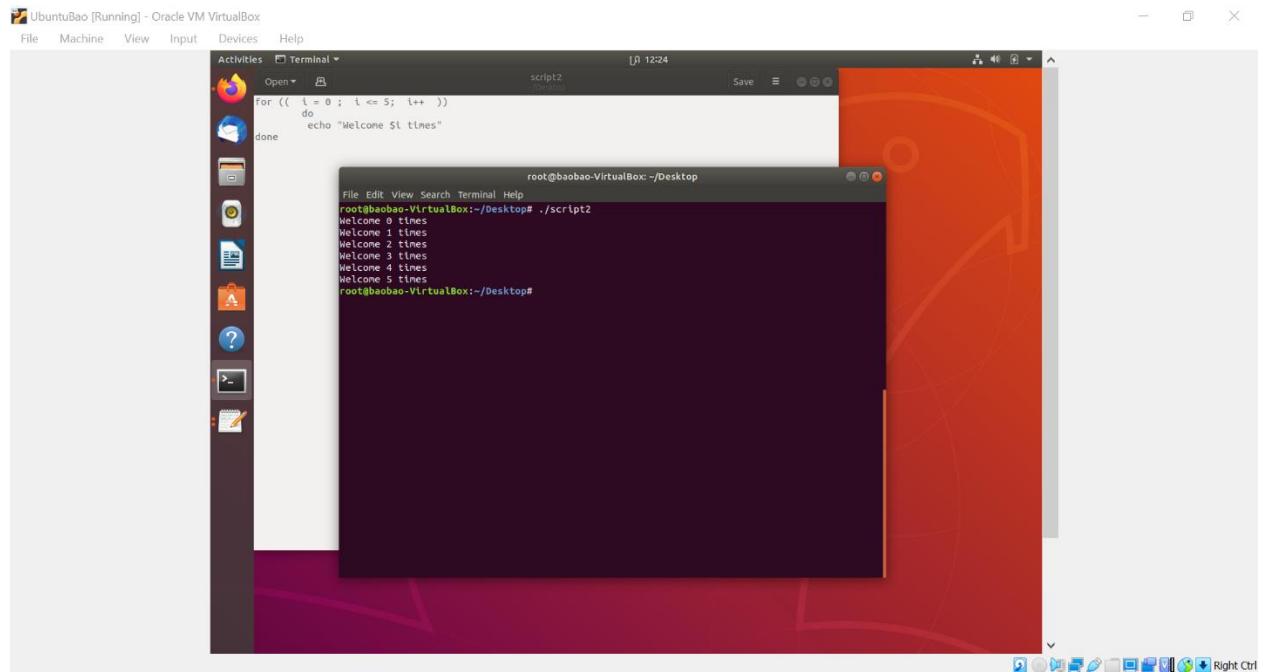
MSSV: B1809677

Bài thực hành số 3

Câu 1:







UbuntuBao [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal script2

```
i=1
while [ $i -le 5 ]
do echo "Welcome $i times"
i=$((expr $i + 1))
done
```

root@baobao-VirtualBox:~/Desktop# ./script2
Welcome 1 times
Welcome 2 times
Welcome 3 times
Welcome 4 times
Welcome 5 times
root@baobao-VirtualBox:~/Desktop#

Plain Text Tab Width: 8 Ln 1, Col 4 INS

UbuntuBao [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal script2

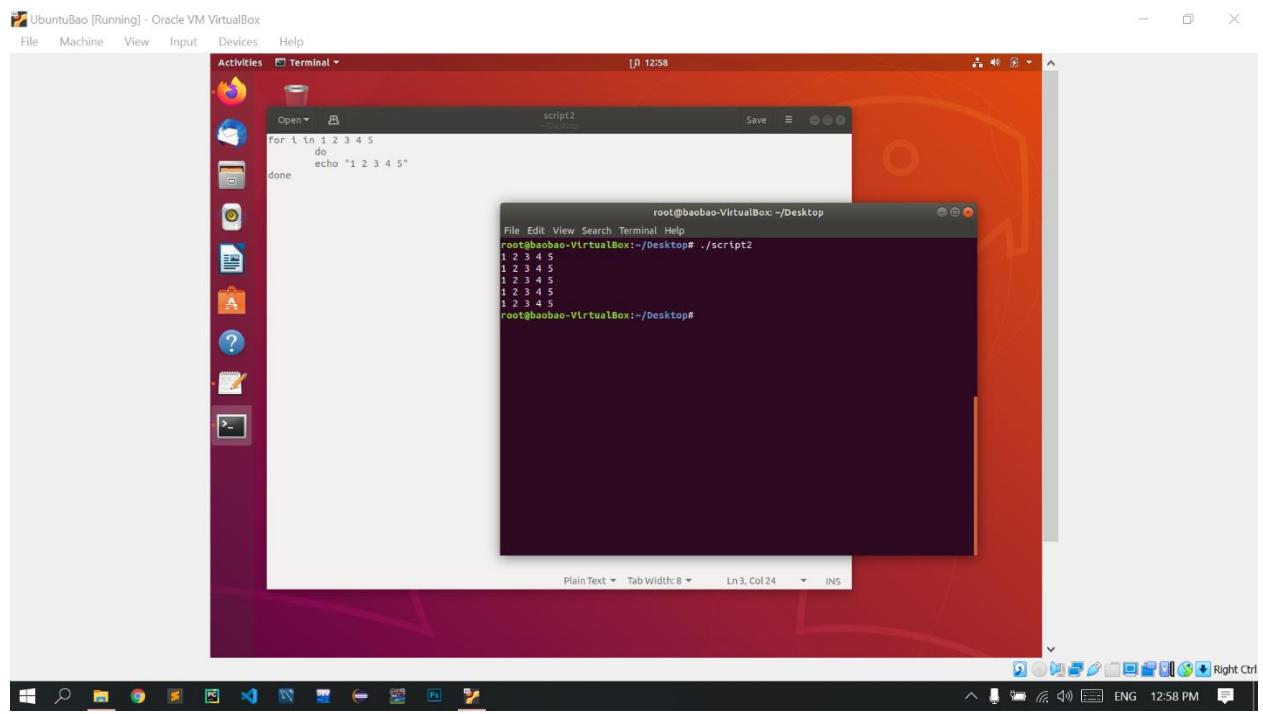
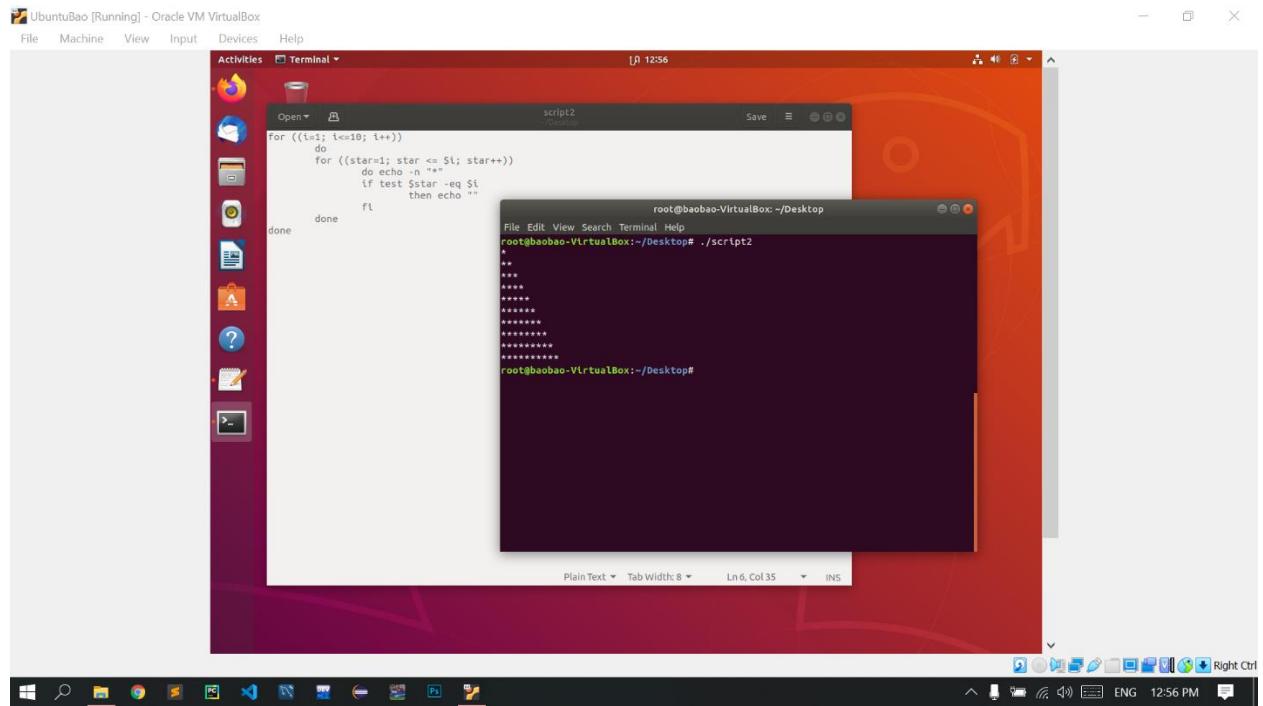
```
echo "Please choose a number"
echo "1: Salad"
echo "2: Eggs"
echo "3: Cheese"
read f
case $f in
    "1") echo "Thanks! You choose salad!";;
    "2") echo "Thanks! You choose eggs!";;
    "3") echo "Thanks! You choose cheese!";;
    *) echo "Sorry! We only have eggs, salad and cheese";;
esac
```

root@baobao-VirtualBox:~/Desktop# ./script2
Please choose a number
1: Salad
2: Eggs
3: Cheese
2
Thanks! You choose eggs!
root@baobao-VirtualBox:~/Desktop# ./script2
Please choose a number
1: Salad
2: Eggs
3: Cheese
4
Sorry! We only have eggs, salad and cheese
root@baobao-VirtualBox:~/Desktop#

Windows Taskbar: ENG 12:39 PM

Windows Taskbar: ENG 12:44 PM

Câu 2:



Câu 3:

UbuntuBao [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal script2

```
echo "Giai phuong trinh ax + b = 0"
echo -n "Nhap a: "
read a
echo -n "Nhap b: "
read b

if test $a -eq 0
then
    echo "Vo nghiem"
else
    x=$(expr -$b / $a)
    echo -e "\nx = $x"
fi
```

root@baobao-VirtualBox:~/Desktop# ./script2
Giai phuong trinh ax + b = 0
Nhap a: 1
Nhap b: 2
x = -2
root@baobao-VirtualBox:~/Desktop# ./script2
Giai phuong trinh ax + b = 0
Nhap a: 0
Nhap b: 11
Vo nghiem
root@baobao-VirtualBox:~/Desktop#

Plain Text Tab Width: 8 Ln 13, Col 3 INS

This screenshot shows a Linux desktop environment with a Unity interface. A terminal window titled 'script2' is open, displaying a shell script that solves linear equations of the form ax + b = 0. The script prompts the user for values of a and b, then calculates the solution x. It handles the case where a is zero by outputting 'Vo nghiem' (No solution). Two runs of the script are shown: one with a=1, b=2 resulting in x=-2, and another with a=0, b=11 resulting in 'Vo nghiem'. The desktop background is orange, and the taskbar at the bottom shows various application icons.

Câu 4:

UbuntuBao [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal script2

```
echo -n "Nhap n: "
read n

tong=0
for ((i=1; i<=n; i++))
do
    tong=$((tong + $i))
done
echo -e "\ntong bang $tong"
```

root@baobao-VirtualBox:~/Desktop# ./script2
Nhap n: 6
tong bang 21
root@baobao-VirtualBox:~/Desktop#

Plain Text Tab Width: 8 Ln 7, Col 20 INS

This screenshot shows a Linux desktop environment with a Unity interface. A terminal window titled 'script2' is open, displaying a shell script that calculates the sum of integers from 1 to n. The script reads a value for n from the user, initializes a variable 'tong' to 0, loops through all integers from 1 to n, adds them to 'tong', and then prints the total sum. A run of the script with n=6 is shown, resulting in a total sum of 21. The desktop background is orange, and the taskbar at the bottom shows various application icons.

Câu 5:

UbuntuBao [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal

script2

```
echo -n "Nhập n: "
read n
ketqua=0
for l in 1 2 3 4 5 6 7 8 9 10
do
    ketqua=$((n * $l))
    echo "$n x $l = $ketqua"
done
```

root@baobao-VirtualBox:~/Desktop# ./script2

```
Nhập n:
5
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
```

root@baobao-VirtualBox:~/Desktop# ./script2

```
Nhập n:
6
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30
6 x 6 = 36
6 x 7 = 42
6 x 8 = 48
6 x 9 = 54
6 x 10 = 60
```

Plain Text Tab Width: 8 Ln 6, Col 27 INS

The screenshot shows a desktop environment with a dark orange background. A terminal window titled 'script2' is open, displaying a script that prompts the user for a number 'n' and then prints its multiplication table from 1 to 10. The terminal output shows the multiplication table for both 5 and 6. The desktop also features a dock at the bottom with various icons.

Câu 6:

UbuntuBao [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal

script2

```
echo -n "Nhập số thu mục cần tạo: "
read n
for ((i=1; i<=n; i++))
do
    if mkdir user_$i
    then
        echo "Đã tạo thu mục user_$i"
    fi
done
```

root@baobao-VirtualBox:~/Desktop# ./script2

```
Nhập số thu mục cần tạo: 5
Đã tạo thu mục user_1
Đã tạo thu mục user_2
Đã tạo thu mục user_3
Đã tạo thu mục user_4
Đã tạo thu mục user_5
```

Plain Text Tab Width: 8 Ln 6, Col 27 INS

The screenshot shows a desktop environment with a dark orange background. A terminal window titled 'script2' is open, displaying a script that prompts the user for a number 'n' and then creates a directory named 'user_i' for each integer value from 1 to n. The terminal output shows the creation of five directories: user_1, user_2, user_3, user_4, and user_5. The desktop also features a dock at the bottom with various icons.