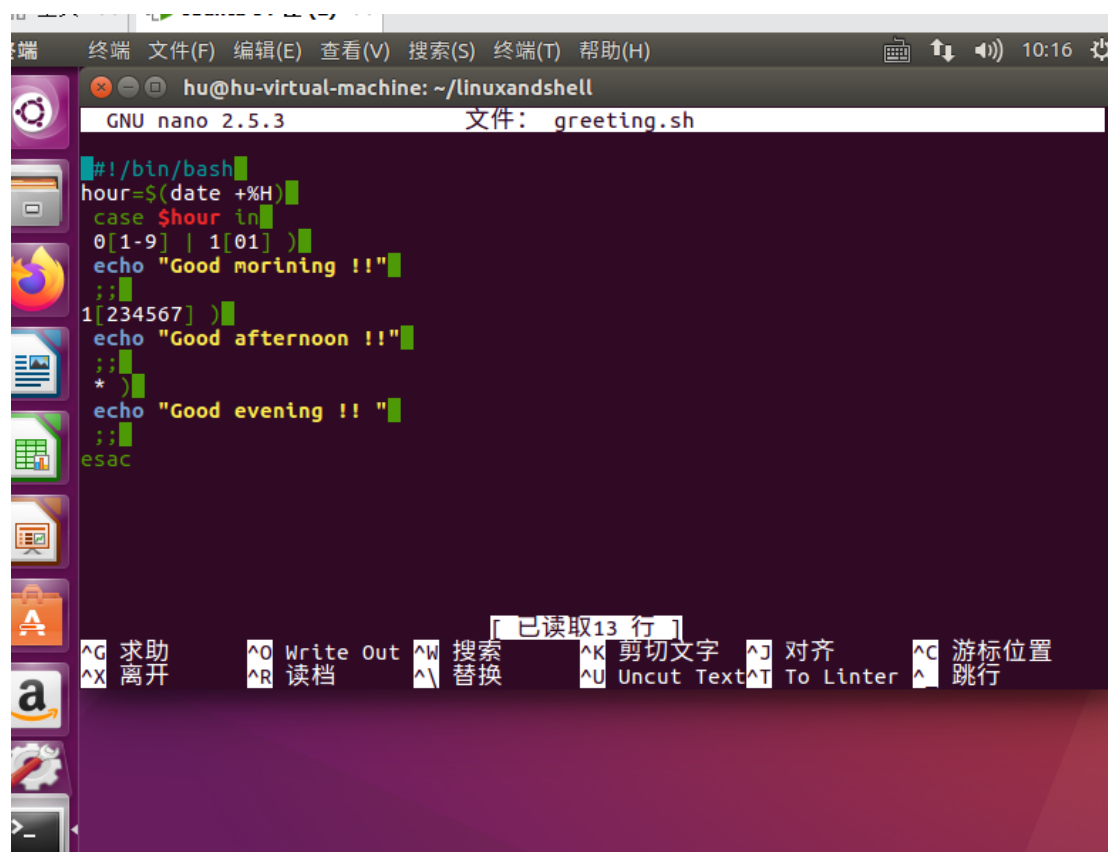


1.

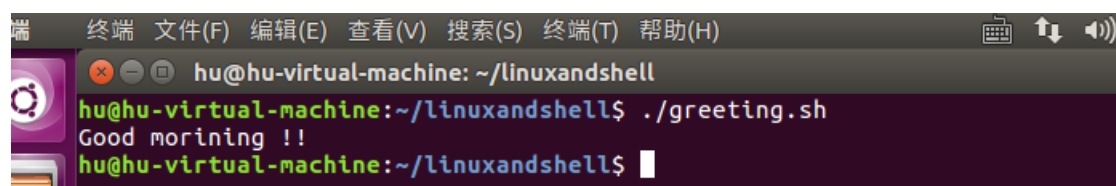


```
hu@hu-virtual-machine: ~/linuxandshell
GNU nano 2.5.3 文件: greeting.sh

#!/bin/bash
hour=$(date +%H)
case $hour in
0[1-9] | 1[01] )
echo "Good morining !!"
;;
1[234567] )
echo "Good afternoon !!"
;;
* )
echo "Good evening !! "
;;
esac
```

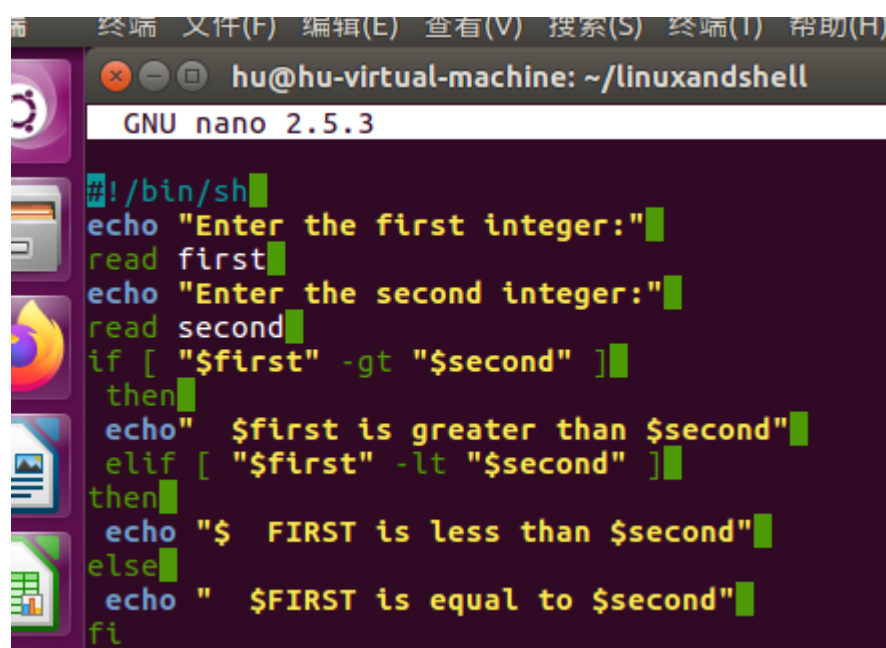
已读取13行

求助 离开 Write Out 读档 搜索 替换 剪切文字 粘贴 对齐 对齐 To Linter 光标位置 跳行



```
hu@hu-virtual-machine: ~/linuxandshell
hu@hu-virtual-machine:~/linuxandshell$ ./greeting.sh
Good morining !!
hu@hu-virtual-machine:~/linuxandshell$
```

2.



```
hu@hu-virtual-machine: ~/linuxandshell
GNU nano 2.5.3

#!/bin/sh
echo "Enter the first integer:"
read first
echo "Enter the second integer:"
read second
if [ "$first" -gt "$second" ]
then
echo " $first is greater than $second"
elif [ "$first" -lt "$second" ]
then
echo "$ FIRST is less than $second"
else
echo " $FIRST is equal to $second"
fi
```

```
终端 文件(F) 编辑(E) 查看(V) 搜索(S) 终端(T) 帮助(H)
hu@hu-virtual-machine: ~/linuxandshell
hu@hu-virtual-machine:~/linuxandshell$ nano comparing.sh
hu@hu-virtual-machine:~/linuxandshell$ ./comparing.sh
Enter the first integer:
8
Enter the second integer:
1
./comparing.sh: 8: ./comparing.sh: echo 8 is greater than 1: not found
hu@hu-virtual-machine:~/linuxandshell$
```

3.

```
GNU nano 2.5.3
#!/bin/bash
smallest=10000
for i in 8 2 18 0 -3 87
do
if test $i -lt $smallest
then
smallest=$i
fi
done
echo $smallest
```

```
终端 文件(F) 编辑(E) 查看(V) 搜索(S) 终端(T) 帮助(H)
hu@hu-virtual-machine: ~/linuxandshell
hu@hu-virtual-machine:~/linuxandshell$ nano findminest.sh
hu@hu-virtual-machine:~/linuxandshell$ ./findminest.sh
-3
hu@hu-virtual-machine:~/linuxandshell$
```

4.

```
#!/bin/bash
count=0
for i in *
do
if test -x $i
then
count=`expr $count + 1`
fi
done
echo Total of $count files executable
```

终端 文件(F) 编辑(E) 查看(V) 搜索(S) 终端(T) 帮助(H)

hu@hu-virtual-machine: ~/linuxandshell

```
hu@hu-virtual-machine:~/linuxandshell$ nano fidnum.sh
hu@hu-virtual-machine:~/linuxandshell$ chmod +x fidnum.sh
hu@hu-virtual-machine:~/linuxandshell$ ./fidnum.sh
Total of 4 files executable
hu@hu-virtual-machine:~/linuxandshell$
```

5.

```
GNU nano 2.5.3
#!/bin/bash
is_prime() {
    local num=$1
    local flag=1
    local j=2
    while [ $j -le $(expr $num / 2) ]
    do
        if [ $(expr $num % $j) -eq 0 ]
        then
            flag=0
            break
        fi
        j=$(expr $j + 1)
    done

    if [ $flag -eq 1 ]
    then
        return 1
    else
        return 0
    fi
}

number=$1
is_prime $number

if [ $? -eq 1 ]
then
    echo "$number is a prime!"
else
    echo "$number is not a prime!"
fi
```

```
hu@hu-virtual-machine: ~/linuxandshell
hu@hu-virtual-machine:~/linuxandshell$ nano check_prime.sh
hu@hu-virtual-machine:~/linuxandshell$ chmod +x check_prime.sh
hu@hu-virtual-machine:~/linuxandshell$ ./check_prime 7
bash: ./check_prime: 没有那个文件或目录
hu@hu-virtual-machine:~/linuxandshell$ ./check_prime.sh 7
7 is a prime!
hu@hu-virtual-machine:~/linuxandshell$ ./check_prime.sh 6
6 is not a prime!
hu@hu-virtual-machine:~/linuxandshell$
```