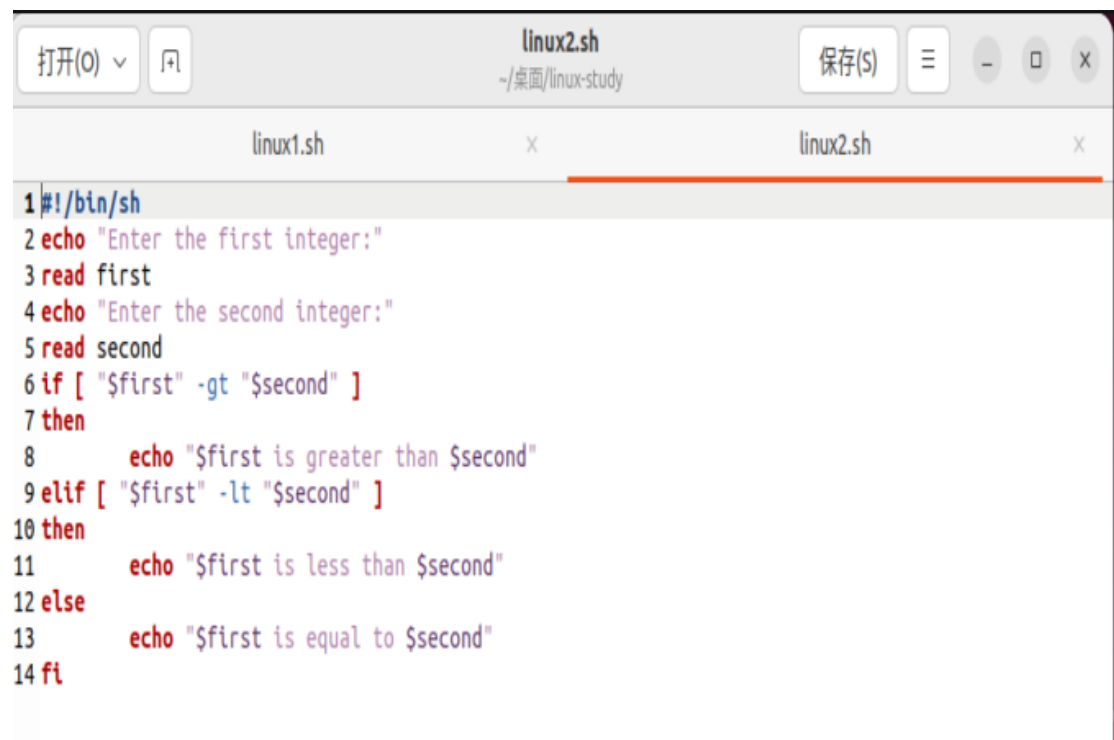


linux1



```
1 #!/bin/bash
2 hour=`date +%H`
3     case $hour in
4         0[1-9] | 1[01] )
5             echo "Good morining !!"
6             ;;
7         1[234567] )
8             echo "Good afternoon !!"
9             ;;
10        * )
11            echo "Good evening !!"
12            ;;
13 esac
```

linux2



```
1 #!/bin/sh
2 echo "Enter the first integer:"
3 read first
4 echo "Enter the second integer:"
5 read second
6 if [ "$first" -gt "$second" ]
7 then
8     echo "$first is greater than $second"
9 elif [ "$first" -lt "$second" ]
10 then
11     echo "$first is less than $second"
12 else
13     echo "$first is equal to $second"
14 fi
```

linux3



The screenshot shows a terminal window with the title bar 'linux3.sh' and the path '~/.桌面/linux-study'. The window has three tabs: 'linux1.sh', 'linux2.sh', and 'linux3.sh'. The 'linux3.sh' tab is active. The script content is as follows:

```
1 #!/bin/bash
2 smallest=10000
3 for i in 8 2 18 0 -3 87
4 do
5     if test $i -lt $smallest
6     then
7         smallest=$i
8     fi
9 done
10 echo $smallest
```

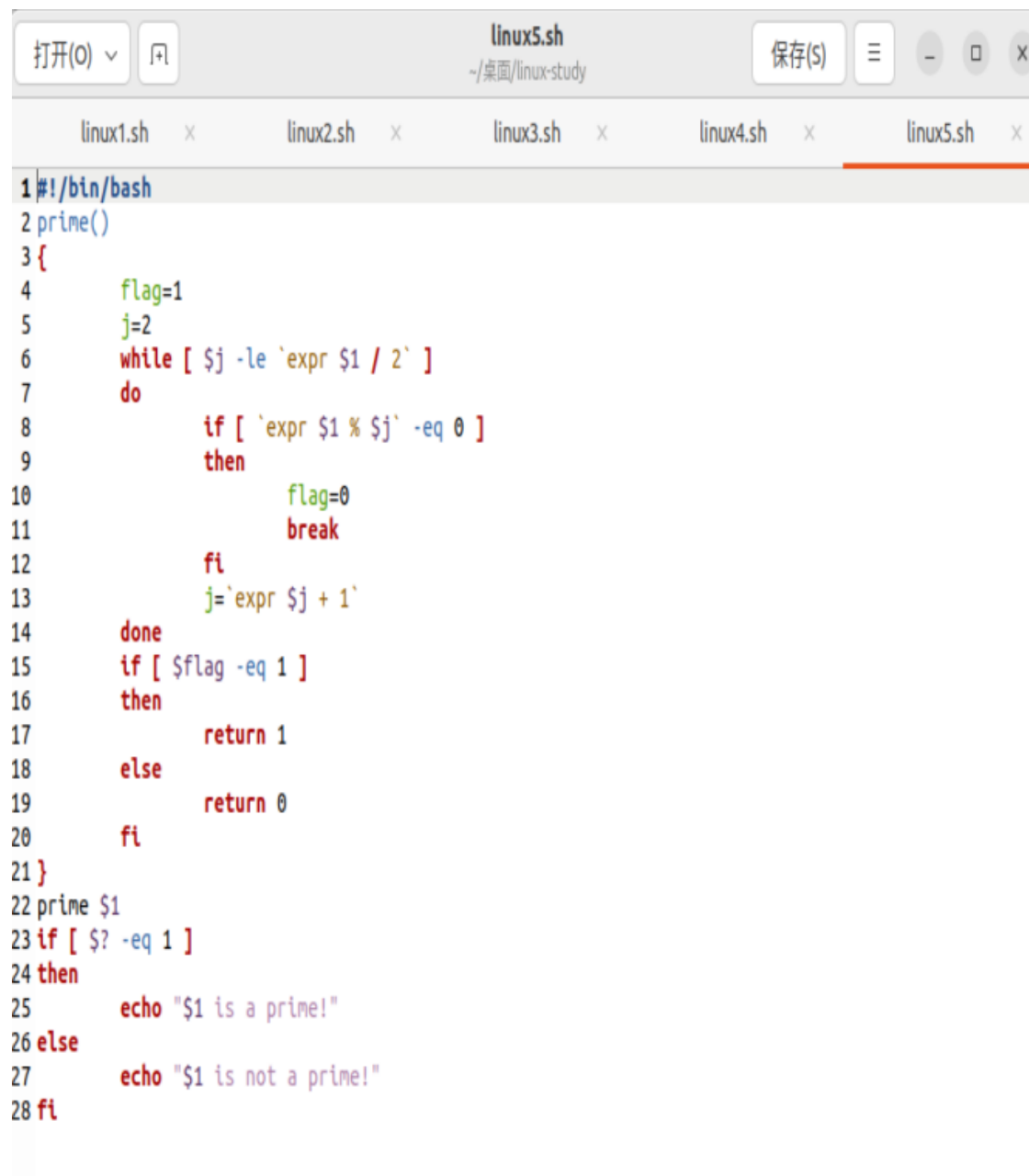
linux4



The screenshot shows a terminal window with the title bar 'linux4.sh' and the path '~/.桌面/linux-study'. The window has four tabs: 'linux1.sh', 'linux2.sh', 'linux3.sh', and 'linux4.sh'. The 'linux4.sh' tab is active. The script content is as follows:

```
1 #!/bin/bash
2 count=0
3 for i in *
4 do
5     if test -x $i
6     then
7         count=`expr $count + 1`
8     fi
9 done
10 echo Total of $count files executable
```

linux5



The image shows a terminal window titled "linux5.sh" with the path "~/桌面/linux-study". The window has a tab bar with five tabs: "linux1.sh", "linux2.sh", "linux3.sh", "linux4.sh", and "linux5.sh". The "linux5.sh" tab is active. The terminal content is as follows:

```
1 #!/bin/bash
2 prime()
3 {
4     flag=1
5     j=2
6     while [ $j -le `expr $1 / 2` ]
7     do
8         if [ `expr $1 % $j` -eq 0 ]
9         then
10             flag=0
11             break
12         fi
13         j=`expr $j + 1`
14     done
15     if [ $flag -eq 1 ]
16     then
17         return 1
18     else
19         return 0
20     fi
21 }
22 prime $1
23 if [ $? -eq 1 ]
24 then
25     echo "$1 is a prime!"
26 else
27     echo "$1 is not a prime!"
28 fi
```

五个程序运行结果分别如下

```
john@john-VirtualBox: ~/桌面/linux-study
john@john-VirtualBox:~/桌面/linux-study$ ./linux1.sh
Good evening !!
john@john-VirtualBox:~/桌面/linux-study$ ./linux2.sh
Enter the first integer:
3
Enter the second integer:
4
3 is less than 4
john@john-VirtualBox:~/桌面/linux-study$ ./linux3.sh
-3
john@john-VirtualBox:~/桌面/linux-study$ ./linux4.sh
Total of 11 files executable
john@john-VirtualBox:~/桌面/linux-study$ ./linux5.sh
expr: 语法错误: 未预期的参数 "2"
./linux5.sh: 第 6 行: [: 2: 需要一元运算符
is a prime!
john@john-VirtualBox:~/桌面/linux-study$ ./linux5.sh 7
7 is a prime!
john@john-VirtualBox:~/桌面/linux-study$
```