

## 实验二

1

```
bash: syntax error near unexpected token `newline'
b23070314@wanghaoyu-virtual-machine:~$ #!/bin/bash
hour=$(date +%H)
case $hour in
0[1-9]|1[01])
echo "Good morning !!""
;;
1[2-7])
echo "Good afternoon !!""
;;
*)
echo "Good evening !!""
;;
esac
echo "Good morning hour=$(date +%H)"
echo "Good afternoon hour=$(date +%H)"
echo "Good evening hour=$(date +%H)"
Good morning hour=10
```

```
bash: syntax error near unexpected token `esac'
b23070314@wanghaoyu-virtual-machine:~$ #!/bin/bash
hour=11
case $hour in
0[1-9]|1[01])
echo "Good morning !!""
;;
1[2-7])
echo "Good afternoon !!""
;;
*)
echo "Good evening !!""
;;
esac
echo "Good morning hour=11  "
echo "Good afternoon hour=11  "
echo "Good evening hour=11  "
Good morning hour=11
```

2

```
b23070314@wanghaoyu-virtual-machine:~$ #!/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
Enter the first integer:
1
Enter the second integer:
2
1 is less than 2
```

```
i ls less than z
b23070314@wanghaoyu-virtual-machine:~$ #!/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
-3
```

```
b23070314@wanghaoyu-virtual-machine:~$ #!/bin/bash
count=0
for i in *
do
if test -f "$i" && test -x "$i"
then
count=$((count + 1))
fi
done
echo Total of $count files executable
Total of 0 files executable
```

```
total 0 files executed
b23070314@wanghaoyu-virtual-machine:~$ #!/bin/bash
prime()
{
local num=$1
local flag=1
local j=2
if [ "$num" -lt 2 ]; then
flag=0
else
while [ "$j" -le $((num / 2)) ]
do
if [ $((num % j)) -eq 0 ]
then
flag=0
break
fi
j=$((j + 1))
done
fi
if [ "$flag" -eq 1 ]
then
return 1
else
return 0
fi
}
prime $1
echo "$1 is not a prime!"
bash: [: : integer expression expected
      is a prime!
```