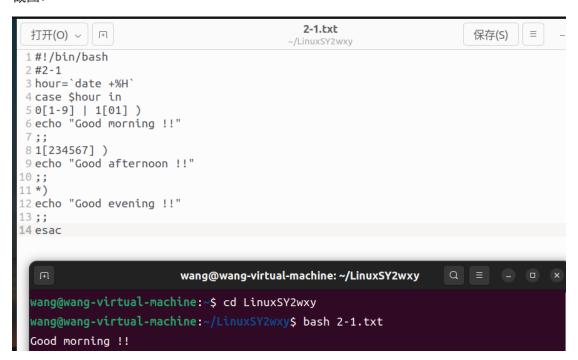
题目 1:

1. Obtain the system time, and check whether it is in the morning, afternoon, or evening.

```
#!/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
```



题目 2:

2. Input two number, check which one is greater, and output the result.

```
#!/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
```

```
2-2.txt
 打开(O) ~
                                                                       保存(5
                                          ~/LinuxSY2wxy
 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" ]
8 echo "$first is greater than $second"
9 elif [ "$first" -lt "$second" ]
10 then echo "$first is less than $second"
11 else
12 echo "$first is equal to $second"
13 fi
                       wang@wang-virtual-machine: ~/LinuxSY2wxy
wang@wang-virtual-machine:~$ cd LinuxSY2wxy
wang@wang-virtual-machine:~/LinuxSY2wxy$ bash 2-2.txt
Enter the first integer:
Enter the second integer:
3 is less than 5
```

题目 3:

3. Find the minimal value in a given list.

```
#!/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
```

```
2-3.txt
                                                                        保
 打开(O) ~ | 用
                                          ~/LinuxSY2wxy
1#!/bin/bash
2 smallest=10000
3 for i in 8 2 18 0 -3 87
5 if test $i -lt $smallest
6 then
7 smallest=$i
8 fi
9 done
10 echo $smallest
                         wang@wang-virtual-machine: ~/LinuxSY2wxy
 wang@wang-virtual-machine:~$ cd LinuxSY2wxy
  wang@wang-virtual-machine:~/LinuxSY2wxy$ bash 2-3.txt
```

题目 4:

Total of 1 files executable

4. Calculate the number of executive file in the current directory.

```
#!/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
截图:
                                           2-4.txt
 打开(O) ~
                                                                     保存(S) ≡ - □ ×
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
10 echo Total of $count files executable
                        wang@wang-virtual-machine: ~/LinuxSY2wxy
  wang@wang-virtual-ma... × wang@wang-virtual-ma... × wang@wang-virtual-ma...
 wang@wang-virtual-machine:~/LinuxSY2wxy$ bash 2-4.txt
```

题目 5:

5. Check whether a given number is a prime, you have to write a function, and call the function.

```
prime( )
flag=1
j=2
while [ $j -le `expr $1 / 2` ]
if [ `expr $1 % $j` -eq 0 ]
then
flag=0
break
j=`expr $j + 1`
done
if [ $flag -eq 1 ]
then
return 1
else
return 0
fi
prime $1
```

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

