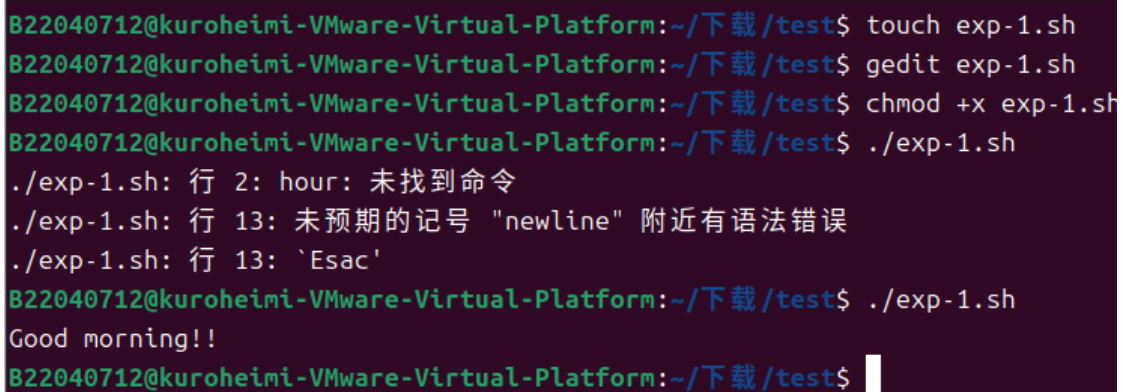(1)

```
#!/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
```



```
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ touch exp-1.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ gedit exp-1.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ chmod +x exp-1.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ ./exp-1.sh
./exp-1.sh: 行 2: hour: 未找到命令
./exp-1.sh: 行 13: 未预期的记号 "newline" 附近有语法错误
./exp-1.sh: 行 13: `Esac'
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ ./exp-1.sh
Good morning!!
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$
```

(2)

```
#!/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
```

(3)

```
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ chmod +x exp2-2.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ ./exp2-2.sh
Enter the first integer:
5
Enter the second integer:
8
5 is less than 8
```

```bash
#!/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
```

```
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ touch exp2-3.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ chmod +x exp2-3.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ ./exp2-3.sh
-3
```

(3)

(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
```



```
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ touch exp2-4.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ chmod +x exp2-4.sh
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ ./exp2-4.sh
Total of 0 files executable
```

(5)
```
prime( )
{
 flag=1
 j=2
 while [ $j -le `expr $1 / 2` ]
 do
 if [ `expr $1 % $j` -eq 0 ]
 then
 flag=0
 break
 fi
 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
```

```
B22040712@kuroheimi-VMware-Virtual-Platform:~/下载/test$ ./exp2-5.sh 5
5 is a prime!
```