（1）

```
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ #!/bin/bash
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ hour=`date +%H`
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ case $hour in
> 0[1-9]|1[01])
> echo "Good moring!!"
echo "Good moringhour=`date +%H`"
> ;;
> 1[234567])
> echo "Good afternoon!!"
echo "Good afternoonhour=`date +%H`"
> ;;
> *)
> echo "Good evening!!"
echo "Good eveninghour=`date +%H`"
> ;;
> esac
Good moringhour=08
```

（2）

```
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ #!/bin/sh
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ echo "Enter the first integer:"
Enter the first integer:
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ read first
70
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ echo "Enter the second integer:"
Enter the second integer:
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ read second
66
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ 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
70 is greater than 66
```

（3）

```
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ #!/bin/bash
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ smallest=10000
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ for i in 8 2 18 0 -3 87
> do
> if test $i -lt $smallest
> then
> smallest=$i
> fi
> done
```

（4）

```
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ #!/bin/bash
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ court=0
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ for i in *
> do
> if test -x $i
> then
> count=`expr $count + 1`
> fi
> done
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ echo Total of $count files executable
Total of 14 files executable
```

（5）

```
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ prime() {
> flag=1
> j=2
> while [ $j -le $(( $1 / 2 )) ]
> do
> if [ $(( $1 % $j )) -eq 0 ]
> then
> flag=0
> break
> fi
> j=$(( j + 1 ))
> done
> if [ $flag -eq 1 ]
> then
> retuen 1
> else
> return 0
> fi
> }
```

```
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ prime 1
xuechunying@xuechunying-VMware-Virtual-Platform:~/桌面$ if [ $? -eq 1 ]
> then
> echo "$1 is a prime!"
> else
> echo "$1 is not a prime!"
> fi
 is a prime!
```