

5-9

源程序

```
1 #!/bin/bash
2 case $1 in
3 1) echo "month is January";;
4 2) echo "month is February";;
5 3) echo "month is March";;
6 4) echo "month is April";;
7 5) echo "month is May";;
8 6) echo "month is June";;
9 7) echo "month is July";;
10 8) echo "month is August";;
11 9) echo "month is September";;
12 10) echo "month is October";;
13 11) echo "month is November";;
14 12) echo "month is December";;
15 *) echo "Invalid parameter.";;
16 esac
17 #end
18
```

执行结果:

```
1 [root@localhost Test]# bash example9 5
2 month is May
```

5-15

源代码:

```
1 #!/bin/bash
2 for day in Monday Wednesday Friday Sunday
3 do
4 echo $day
5 done
6 #end
7
```

执行结果:

```
1 [root@localhost Test]# bash example15
2 Monday
3 Wednesday
4 Friday
5 Sunday
```

5-21

```
1#!/bin/bash
2displaymonth(){
3    case $1 in
4        1)echo "month is January";;
5        2)echo "month is February";;
6        3)echo "month is March";;
7        4)echo "month is April";;
8        5)echo "month is May";;
9        6)echo "month is June";;
10       7)echo "month is July";;
11       8)echo "month is August";;
12       9)echo "month is September";;
13       10)echo "month is October";;
14       11)echo "month is November";;
15       12)echo "month is December";;
16    *) echo "Invalid parameter";;
17    esac
18}
19while true
20do
21    echo "input month's number; "
22    read mm
23    displaymonth $mm
24    echo "continue(y/n)? "
25    read answer
26    if [ "$answer" = "n" ]||[ "$answer" = "N" ];
27    then
28        break
29    fi
30done
31#end
32
```

执行结果：

```
1 [root@localhost Test]# bash example21
2 input month's number;
3 1
4 month is January
5 continue(y/n)?
6 y
7 input month's number;
```

```
8 2
9 month is February
10 continue(y/n)?
11 y
12 input month's number;
13 11
14 month is November
15 continue(y/n)?
16 y
17 input month's number;
18 12
19 month is December
20 continue(y/n)?
21 n
22 [root@localhost Test]#
```

附加题

```
1 sum=0 # 初始化总和为0
2 for ((i=1; i<=10; i++)) # 循环1到10的自然数
3 do
4     sum=$((sum + i)) # 累加每个数到总和
5 done
6 echo "前10个自然数之和为: $sum" # 输出结果
```

执行结果：

```
[root@localhost Test]# bash total
前10个自然数之和为： 55
[root@localhost Test]#
```