

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
2 displaymonth(){
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 }
19 while true
20 do
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
30 done
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]#
```