

```
HW4.c  HW4  (全局范围)
1  #define _CRT_SECURE_NO_WARNINGS
2  #include <stdio.h>
3
4  int main()
5  {
6      int days = 0;
7      int week = 0;
8      printf("Enter number of days in month:");
9      scanf("%d", &days);
10     printf("Enter starting day of the week (1=Sun, 7=Sat): ");
11     scanf("%d", &week);
12     printf("Sun Mon Tue Wed Thu Fri Sat\n");
13
14     int j = 1;
15     for (j = 1; j < week; j++)
16     {
17         printf("    ");
18     }
19     int i = 1;
20     while (i <= days)
21     {
22         for (j = week; j < 8; j++)
23         {
24             printf("%-3d ", i++);
25             if (i > days)
26                 break;
27         }
28         week = 1;
29         printf("\n");
30     }
31
32     return 0;
33 }
```

```
Microsoft Visual Studio 调试控制台
Enter number of days in month:31
Enter starting day of the week (1=Sun, 7=Sat): 3
Sun Mon Tue Wed Thu Fri Sat
6   7   8   9  10  11  12
13  14  15  16  17  18  19
20  21  22  23  24  25  26
27  28  29  30  31

D:\Project\C Programming Language\Homework\HW4\x64\Debug\HW4.exe (进程 19996)已退出，代码为 0。
按任意键关闭此窗口...
```

```
HW4.c  X
HW4    (全局范围)
1  #define _CRT_SECURE_NO_WARNINGS
2  #include <stdio.h>
3
4  // ...
34
35  int main()
36  {
37      int mm = 0;
38      int dd = 0;
39      int yy = 0;
40      int mm1 = 0;
41      int dd1 = 0;
42      int yy1 = 0;
43      do
44      {
45          printf("Enter a date (mm/dd/yy): ");
46          scanf("%d/%d/%d", &mm1, &dd1, &yy1);
47          if (yy1 > yy)
48          {
49              yy = yy1;
50              mm = mm1;
51              dd = dd1;
52          }
53          if (yy1 == yy)
54          {
55              if (mm1 > mm)
56              {
57                  yy = yy1;
58                  mm = mm1;
59                  dd = dd1;
60              }
61              if (mm1 == mm && dd1 > dd)
62              {
63                  yy = yy1;
```

```

64              }
65          }
66      } while (mm1 != 0 || dd1 != 0 || yy1 != 0);
67
68      printf("%d/%d/%0.2d is the latest date", mm, dd, yy);
69
70      return 0;
71
72
73
74 }
```

```
Microsoft Visual Studio 调试控制台
Enter a date (mm/dd/yy): 3/6/08
Enter a date (mm/dd/yy): 5/17/07
Enter a date (mm/dd/yy): 6/3/07
Enter a date (mm/dd/yy): 0/0/0
3/6/08 is the latest date
D:\Project\C Programming Language\Homework\HW4\x64\Debug\HW4.exe (进程 2060) 已退出, 代码为 0。
按任意键关闭此窗口. . .
```

```
HW4.c  X
HW4 (全局范围)
1  #define _CRT_SECURE_NO_WARNINGS
2  #include <stdio.h>
3  // ...
73 int main()
74 {
75     int n = 0;
76     printf("Enter a number:");
77     scanf("%d", &n);
78     printf("\nTriangle:\n\n");
79     int i = 0;
80     for (i = 0; i < (n+1)/2; i++)
81     {
82         int j = 0;
83         for (j = 0; j < i; j++)
84         {
85             printf(" ");
86         }
87         for (j = 0; j < n-2*i; j++)
88         {
89             printf("* ");
90         }
91         for (j = 0; j < i; j++)
92         {
93             printf(" ");
94         }
95         printf("\n");
96     }
97
98     return 0;
99 }
```

```
Microsoft Visual Studio 调试控制台
Enter a number:9
Triangle:
* * * * *
 * * * * *
  * * * *
   * * *
    * *
     *

D:\Project\C Programming Language\Homework\HW4\x64\Debug\HW4.exe (进程 6040)已退出，代码为 0。
按任意键关闭此窗口。 . . .
```