

```
main.c* x
HW6 (全局范围)
1 #define _CRT_SECURE_NO_WARNINGS
2 #include <stdio.h>
3
4 int main()
5 {
6     int i = 0, sum = 0, arr[10] = { 0 };
7     float average = 0;
8     printf("Enter 10 numbers:\t");
9     for (i = 0; i < 10; i++)
10     {
11         scanf("%d", &arr[i]);
12         sum += arr[i];
13     }
14     average = sum / 10.0;
15     printf("Numbers > average:\t");
16     for (i = 0; i < 10; i++)
17     {
18         if (average < arr[i])
19         {
20             printf("%-3d", arr[i]);
21         }
22     }
23
24     return 0;
25 }
```

Microsoft Visual Studio 调试控制台

```
Enter 10 numbers:      3 10 13 21 30 4 7 9 5 6
Numbers > average:    13 21 30
D:\Project\C Programming Language\Homework\HW6\x64\Debug\HW6.exe (进程 3764) 已退出，代码为 0。
要在调试停止时自动关闭控制台，请启用“工具”->“选项”->“调试”->“调试停止时自动关闭控制台”。
按任意键关闭此窗口...
```

```
main.c*  [X]
HW6 (全局范围)
1  #define _CRT_SECURE_NO_WARNINGS
2  #include <stdio.h>
3
4  // ...
26
27  int main()
28  {
29      int i=0,number = {0}, num = 0, arr[10] = {0};
30      printf("Enter a number:\t\t");
31      for (i = 0; i < 100; i++)
32      {
33          number=getchar();
34          if (number=='\n')
35          {
36              break;
37          }
38          arr[number-48]++;
39      }
40      printf("Repeated digit      Occurrences\n");
41      for (i = 0; i < 10; i++)
42      {
43          if (arr[i] > 1)
44          {
45              printf("%d\t\t\t%d\n", i,arr[i]);
46          }
47      }
48      return 0;
49  }
```

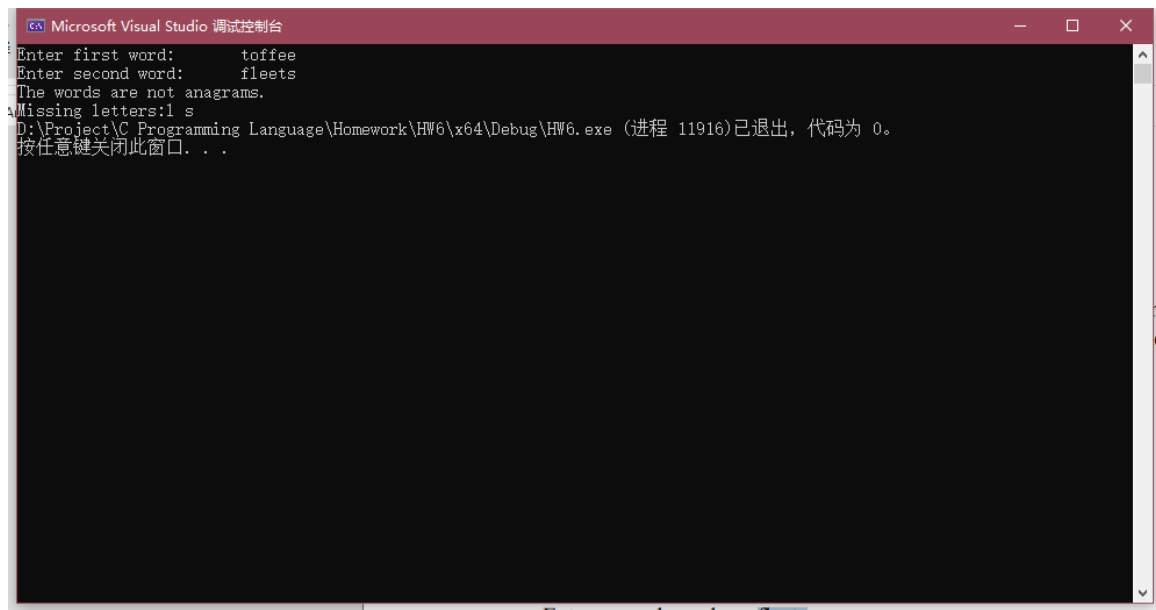
```
Microsoft Visual Studio 调试控制台
Enter a number:      4177109442
Repeated digit      Occurrences
1                  2
4                  3
7                  2
(
D:\Project\C Programming Language\Homework\HW6\x64\Debug\HW6.exe (进程 15148)已退出, 代码为 0。
按任意键关闭此窗口. . .
```

```
main.c x
HW6 (全局范围)
1 #define _CRT_SECURE_NO_WARNINGS
2 #include <stdio.h>
3
4 // ...
26
27 // ...
50
51 int main()
52 {
53     int firstw[127] = { 0 }, secondw[127] = { 0 };
54     char num = 0, i = 0, flag = 0;
55     printf("Enter first word:\t");
56     scanf("%c", &num);
57     while (num != '\n')
58     {
59         firstw[num]++;
60         scanf("%c", &num);
61     }
62     printf("Enter second word:\t");
63     scanf("%c", &num);
64     while (num != '\n')
65     {
66         secondw[num]++;
67         scanf("%c", &num);
68     }
69
70     for (i = 65; i < 127; i++)
71     {
72         if (firstw[i] != secondw[i])
73         {
74             if (flag == 0)
75             {
76                 flag = 1;
77                 printf("The words are not anagrams.\nMissing letters:");
78             }
79             if (firstw[i] < secondw[i])
80             {
81                 printf("%c ", i);
82             }
83         }
84     }
85     if (i == 126 && flag == 0)
86     {
87         printf("The words are anagrams.\n");
88     }
89 }
90
91 return 0;
92 }
```

Microsoft Visual Studio 调试控制台

```
Enter first word:    smartest
Enter second word:  mattress
The words are anagrams.

D:\Project\C Programming Language\Homework\HW6\x64\Debug\HW6.exe (进程 7692)已退出, 代码为 0。
按任意键关闭此窗口. . .
```



```
Microsoft Visual Studio 调试控制台
Enter first word:      toffee
Enter second word:     fleets
The words are not anagrams.
Missing letters: l s
D:\Project\C Programming Language\Homework\HW6\x64\Debug\HW6.exe (进程 11916)已退出, 代码为 0。
按任意键关闭此窗口. . .
```

