### VS2019调试工具使用报告

班级: 信息类11班

学号: <u>2151294</u>

姓名: 马威

完成日期: 2021.12.30



볼

ì

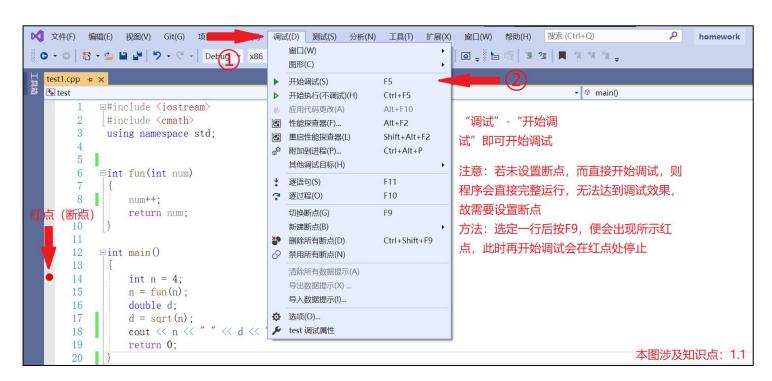
4

#### 1. 小程序1:

```
#include <iostream>
        #include <cmath>
        using namespace std;
        int fun(int num)
        {
            num++;
            return num;
        }
        int main()
            int n = 4:
            n = fun(n);
            double d;
            d = sqrt(n);
            cout << n << " " << d << " #" << endl;
爿
            return 0;
        }
```

#### 1.1.图1

ì



#### 1.2.图 2



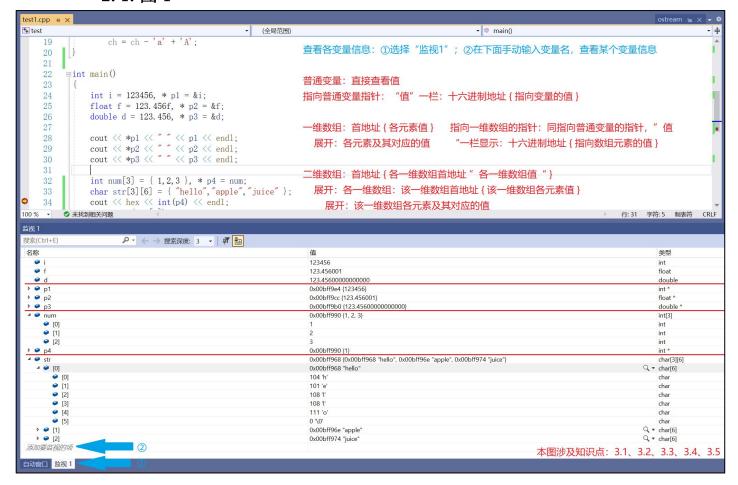
#### 1.3.图3



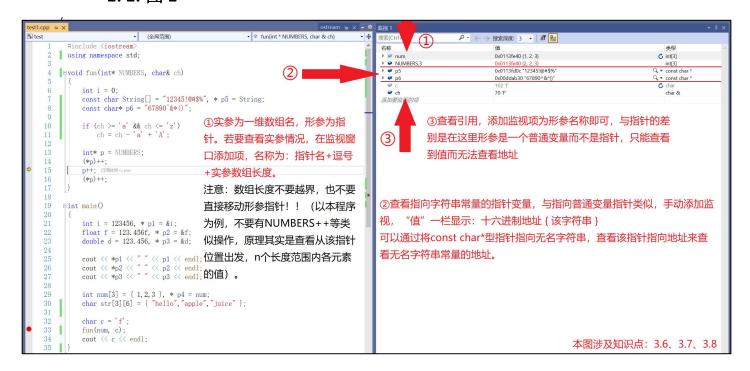
#### 2. 小程序 2

```
#include <iostream>
      using namespace std;
      void fun(int* NUMBERS, char& ch)
          int i = 0;
          const char String[] = "12345!@#$%", * p5 = String;
          const char* p6 = "67890^{^{\circ}} \& *()";
          if (ch \ge 'a' \&\& ch \le 'z')
             ch = ch - 'a' + 'A';
          int* p = NUMBERS;
볼
          (*p) ++;
          p++;
          (*p)++;
      }
ì
      int main()
          int i = 123456, * p1 = &i;
          float f = 123.456f, * p2 = &f;
          double d = 123.456, * p3 = &d;
4
          cout << *p1 << " " << p1 << end1;
          cout << *p2 << " " << p2 << end1;
          cout << *p3 << " " << p3 << endl;
          int num[3] = \{ 1, 2, 3 \}, *p4 = num;
          char str[3][6] = { "hello", "apple", "juice" };
          char c = 'f';
          fun (num, c);
          cout << c << end1;
          return 0;
      }
```

#### 2.1.图 1



#### 2.2.图 2



### 3. 小程序 3

```
ex1. cpp
     #include <iostream>
     using namespace std;
     extern int EXTERN;
     static int STATIC = 1010;
     void fun2(); //提前声明
     void fun1(int num)
        int i = 0;
볼
        static int sum = 0;
        while (i < 10) {
           sum = sum + num;
           i++;
ì
     int main()
4
        int number = 10;
        fun1(number);
        cout << STATIC + EXTERN <<
     end1;
        fun1 (number);
        fun2();
        return 0;
```

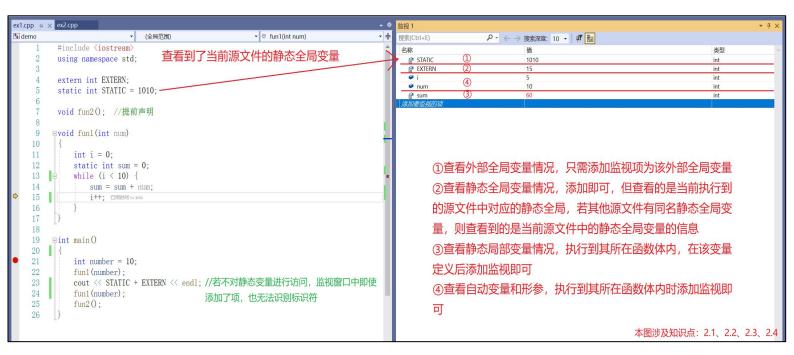
#### ex2. cpp

```
#include <iostream>
using namespace std;

int EXTERN = 15;
static int STATIC = 2020;

void fun2()
{
    EXTERN++;
    cout << STATIC + EXTERN << end1;
}</pre>
```

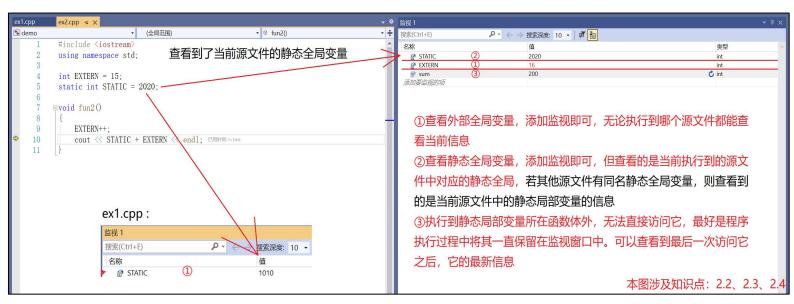
#### 3.1.图1



ì \_\_\_\_\_\_

#### 3.2.图 2

4



#### 4. 小程序 4

```
#include <iostream>
using namespace std;

int main()
{
    int a[10] = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 }, * p1 = a;
    while (p1 - a < 15) {
        cout << *p1 << " ";
        p1++;
    }

    char c[6] = "house", * p2 = c;
    while (p2 - c < 15) {
        cout << *p2 << end1;
        p2++;
    }
}</pre>
```

#### 4.1.图 1

