

Lab2

1, copy the following code to your VS and see what is the result

```
#include<iostream>
using namespace std;
void keep_open() { char ch; cin >> ch; }
int main()
{
    float b = 2.7;
    int a = 2;
    cout << a<<endl;
    a = a + 1;
    cout << "result of a=a+1: " << a << endl;
    a = a / 2;
    cout << "result of a=a/2: " << a << endl;
    a = 7 % 4;
    cout << "result of a=7%4: " << a << endl;
    a += 5;
    cout << "result of a+=5: " << a << endl;
    a++;
    cout<< "result of a++: " << a << endl;
    a = b;
    cout << "result of a = b: "<<a<<endl;
    b = a;
    cout << "result of b=a:" << b << endl;
    b = 1.7 + 3;
    cout << "result of b=b+3:" << b << endl;

    keep_open();
}
```

2, write a program, let user type in two integers(stored in int variable val1 and val2) and print out the result of val1+val2, val1/val2, val1*val2,val1-val2.

PS: the output should be complete (or you will lose point).

In your command window the output should look like this:

please type in val1:

2

Please type in val2:

3

`val1+val2=5`

`val1-val2=-1`

`val1*val2=6`

`val1/val2=0`

3, The same as 1 but the data type is now float.