

### Program 1:

```
main.cpp
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int p, q;
7      int sum, sub, mul;
8      float div;
9
10     cout << "Enter any 2 numbers:\n" ;
11     cin >> p >> q ;
12
13     sum = p + q ;
14     sub = p - q ;
15     mul = p * q ;
16     div = (float)p/ q;
17
18
19
20     cout << "Sum of the 2 numbers is " << sum << "\n";
21     cout << "Differnece of the 2 numbers is " << sub << "\n";
22     cout << "Product of the 2 numbers is " << mul << "\n";
23     cout << "Quotient of the 2 numbers is " << div << "\n";
24
25
26     return 0;
27 }
```

Enter any 2 numbers:  
10  
15  
Sum of the 2 numbers is 25  
Differnece of the 2 numbers is -5  
Product of the 2 numbers is 150  
Quotient of the 2 numbers is 0.666667