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1  #include<iostream>
2  using namespace std;
3  class complex
4  {
5  public:
6      int real,imag;
7      void get()
8      {
9          cout<<"\nEnter Real Part :: ";
10         cin>>real;
11         cout<<"\nEnter imag Part :: ";
12         cin>>imag;
13     }
14     void disp()
15     {
16         cout<<real<<"+"<<imag<<"i"<<"\n";
17     }
18     void sum(complex,complex);
19 };
20 void complex::sum(complex c1,complex c2)
21 {
22     real=c1.real+c2.real;
23     imag=c1.imag+c2.imag;
24 }
25 int main()
26 {
27     complex c1,c2,c3;
28     cout<<"Enter 1st complex no.: \n";
29     c1.get();
30     cout<<"\nEnter 2nd complex no.: \n";
31     c2.get();
32     c3.sum(c1,c2);
33     cout<<"\nThe Sum of two complex number : ("<<c1.real<<" + "<<c1.imag<<"i" <<")+("
<<c2.real<<" + "<<c2.imag<<"i) = ";
34     c3.disp();
35     return 0;
36 }
37

```