

```
#include <iostream>
using namespace std;
class complex
{
    int real, img, ulb;
public:
    void getData()
    {
        cout << "Enter real number" << endl;
        cin >> real;
        cout << "Enter imaginary number" << endl;
        cin >> img;
    }
    void math (complex c1, complex c2)
    {
        a = c1.real - c2.real;
        b = c1.img - c2.img;
        this->real = c1.real + c2.real;
        this->img = c1.img + c2.img;
    }
    void display()
    {
        cout << "complex number after subtraction"
            << endl;
        cout << a << "+" << b << endl;
    }
}
```



```
cout << "complex number after addition" << endl;  
cout << real << " + i" << img;  
}
```

```
};
```

```
cout << real << " + i" << img;
```

```
int main ( )
```

```
{
```

```
    complex c1 , c2 , c3 ;
```

```
    c1 . get Data ( ) ;
```

```
    c2 . get Data ( ) ;
```

```
    c3 . get Data ( ) ;
```

```
    c3 . math ( c1 , c2 ) ;
```

```
    c3 . display ( ) ;
```

```
    return 0 ;
```

```
}
```