

```

1  #include <iostream>
2  #include<iomanip>
3
4  using namespace std;
5  void addm (float a [] [3] , float b[] [3] , float c [] [3])
6  {
7      const int rows = 3 ;
8      for (int i=0 ; i<3 ;i++)
9      {
10         for (int j=0;j<rows;j++)
11         {
12             c[i][j] = a[i][j] + b[i][j] ;
13         }
14     }
15 }
16
17 void subm (float a [3][3] , float b[3][3] , float c [3][3])
18 {
19
20     for (int i=0 ; i<3 ;i++)
21     {
22         for (int j=0;j<3;j++)
23         {
24             c[i][j] = a[i][j] - b[i][j] ;
25         }
26     }
27 }
28
29 int main()
30 {
31     float a [3][3] = {{1,2,3} , {4,5,6} , {6,7,8} } ;
32     float b [3][3] = {{6,7,8} , {10,5,11} , {2,5,8} } ;
33     float c [3][3] ;
34     addm(a,b,c) ;
35     for (int i=0 ; i<3 ;i++)
36     {
37         for (int j=0;j<3;j++)
38         {
39             cout << setw(4) << left << c[i][j] ;
40         }
41         cout <<endl ;
42     }
43
44     subm(a,b,c) ;
45     for (int i=0 ; i<3 ;i++)
46     {
47         for (int j=0;j<3;j++)
48         {
49             cout << setw(4) << left << c[i][j] ;
50         }
51         cout <<endl ;
52     }
53
54     return 0;
55 }
56

```