

```
1  /*
2  * File:   main.cpp
3  * Author: mgm
4  *
5  * Created on February 13, 2017, 7:02 PM
6  */
7
8  #include <iostream>
9
10 using namespace std;
11
12 int Menu();
13 float Add(float x, float y);
14 float Sub(float x, float y);
15 float Mul(float x, float y);
16 float Div(float x, float y);
17
18 int main() {
19     float a;
20     float b;
21     float r;
22     int scelta;
23
24     scelta = Menu();
25
26     while (scelta != 5) {
27         cout << "1° operando: ";
28         cin >> a;
29         cout << "2° operando: ";
30         cin >> b;
31
32         switch (scelta) {
33             case 1:
34                 r = Add(a,b);
35                 break;
36             case 2:
37                 r = Sub(a, b);
38                 break;
39             case 3:
40                 r = Mul(a, b);
41                 break;
42             case 4:
43                 r = Div(a, b);
44                 break;
45         }
46
47         cout << "Risultato: " << r << endl;
48
49         scelta = Menu();
50     }
51
52     return 0;
53 }
54
55 int Menu() {
56     int s;
57
58     do {
59         cout << endl << "1)Addizione" << endl << "2)Sottrazione" << endl
60             << "3)Moltiplicazione" << endl << "4)Divisione" << endl
61             << "5)Esci" << endl << "Scelta: ";
62         cin >> s;
63     } while (s < 1 || s > 5);
64
65     return s;
66 }
```

```
67
68 float Add(float x, float y) {
69     float temp;
70
71     temp = x + y;
72     return temp;
73 }
74
75 float Sub(float x, float y) {
76     float temp;
77
78     temp = x - y;
79     return temp;
80 }
81
82 float Mul(float x, float y) {
83     float temp;
84
85     temp = x * y;
86     return temp;
87 }
88
89 float Div(float x, float y) {
90     float temp;
91
92     temp = x / y;
93     return temp;
94 }
```