

```
1 // sum_of_fields_new.cpp
2 //
3 #ifdef _WIN32
4     #include <tchar.h>
5     #include <conio.h>
6 #elif (defined __linux__) || (defined _AIX)
7     typedef char _TCHAR;
8     #define _tmain main
9 #endif
10
11 #include <stdio.h>
12 #include <iostream>
13 using namespace std;
14
15 void my_getch();
16 void suc_poli(unsigned n, int* x, int* y, int* z);
17
18 int _tmain(int argc, _TCHAR* argv[])
19 {
20     unsigned n;
21     int* a, * b, * c;
22     cout << "\nZadajte pocet prvkov poli a a b: ";
23     cin >> n;
24
25     a = new int[n];
26     cout << "Zadajte " << n << " prvkov pola a:\n";
27     for (unsigned i = 0; i < n; i++)
28         cin >> a[i];
29
30     b = new int[n];
31     cout << "Zadajte " << n << " prvkov pola b:\n";
32     for (unsigned i = 0; i < n; i++)
33         cin >> b[i];
34
35     c = new int[n];
36     suc_poli(n, a, b, c);
37     cout << "Sucet poli a a b je:\n";
38     for (unsigned i = 0; i < n; i++)
39         cout << c[i] << " ";
40     cout << endl;
41
42     delete[] c;
43     delete[] b;
44     delete[] a;
45
46     my_getch();
47     return 0;
48 }
49
50 void my_getch()
51 {
52 #ifdef _WIN32
53     _getch();
```

```
54 #else
55     cout << endl;
56 #endif
57 }
58
59 void suc_poli(unsigned m, int* x, int* y, int* z)
60 {
61     for (unsigned i = 0; i < m; i++)
62         z[i] = x[i] + y[i];
63 }
```