

```

1 // for_cycle_max.cpp
2 //
3 #ifdef _WIN32
4     #include <tchar.h>
5     #include <conio.h>
6 #elif (defined __linux__) || (defined _AIX) || (defined __APPLE__)
7     typedef char _TCHAR;
8     #define _tmain main
9 #endif
10
11 #include <stdio.h>
12 #include <float.h>
13 #include <iostream>
14 using namespace std;
15
16 void my_getch();
17
18 int _tmain(int argc, _TCHAR* argv[])
19 {
20     unsigned n, i;
21     float x, max;
22
23     cout << "\n Tento program nacita kladne cele cislo \"n\" a potom n"
24         << " realnych cisel.\nNajdite maximum tychto cisel.";
25     cout << endl << " Zadajte pocet cisel! n = ";
26     cin >> n;
27
28     if (n > 0) {
29         max = FLT_MIN;
30         for (i = 0; i < n; i++) { // i++ znamena i = i+1
31             cout << " x = ";
32             cin >> x;
33             if (x > max)
34                 max = x;
35         }
36         cout << endl << " Maximalne cislo je " << max << ".";
37     }
38     else
39         cout << endl << " Nezadali ste ziadne cisla.";
40
41     my_getch();
42     return 0;
43 }
44
45 void my_getch()
46 {
47     #ifdef _WIN32
48         _getch();
49     #else
50         cout << endl;
51     #endif
52 }
53 //-----
54 // Ulohy:
55 // 1) Vypiste aj poradove cislo prveho a posledneho vyskytu maximalneho prvku.
56 // 2) For-cyklus prerobte na While-cyklus.
57 // 3) For-cyklus prerobte na Do-while-cyklus.

```