```cpp
// sorting_of_field.cpp
//
#ifdef _WIN32
   #include <tchar.h>
   #include <conio.h>
#elif (defined __linux__) || (defined _AIX)
   typedef char _TCHAR;
   #define _tmain main
#endif

#include <stdio.h>
#include <iostream>
using namespace std;

void my_getch();

int _tmain(int argc, _TCHAR* argv[])
{
   float pomoc, x[1000];
   unsigned i, n;
   bool kaz;

   cout << "\n  Vstupne udaje tvori prirodzene cislo z intervalu od 2 do 1000"
      << "a dalej\n postupnost n cisel. Zoradte ich od najvacsieho po najmensie.\n\n";

   cout << "Zadajte pocet cisel. Toto cislo ma byt z intervalu od 2 do 1000.\n";
   do {
      cout << "  n = ";
      cin >> n;
   } while (!(n >= 2 && n <= 1000));

   cout << "\nZadajte " << n << " cisel:\n";

   for (i = 0; i < n; i++) {
      cout << "  x[" << i << "] = ";
      cin >> x[i];
   }

   do {
      kaz = false;
      for (i = 0; i < n - 1; i++)
         if (x[i] < x[i + 1]) {
            pomoc = x[i];
            x[i] = x[i + 1];
            x[i + 1] = pomoc;
            kaz = true;
         }
   } while (kaz);

   cout << "\nProgram usporiadal nacitanu postupnost od najvacsieho cisla po najmensie:\n  ";
   for (i = 0; i < n - 1; i++)
      cout << x[i] << ", ";
```

```
53      cout << x[n - 1] << ".\n";
54
55      my_getch();
56      return 0;
57  }
58
59  void my_getch()
60  {
61  #ifdef _WIN32
62      _getch();
63  #else
64      cout << endl;
65  #endif
66  }
```