

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApplication2
{
    /*
     *
     * Kódolja az alábbi algoritmust a választott programozási nyelven!
     * Az algoritmus egy bájt típusú,10 elemű vektort rendez növekvő sorrendben a koktélrendezés
    módszerével
    */

    class Program
    {
        static void KiirTomb(byte[] t)
        {
            for (byte i = 0; i < t.Length - 1; i++)
            {
                Console.WriteLine(t[i] + ",");
            }
        }

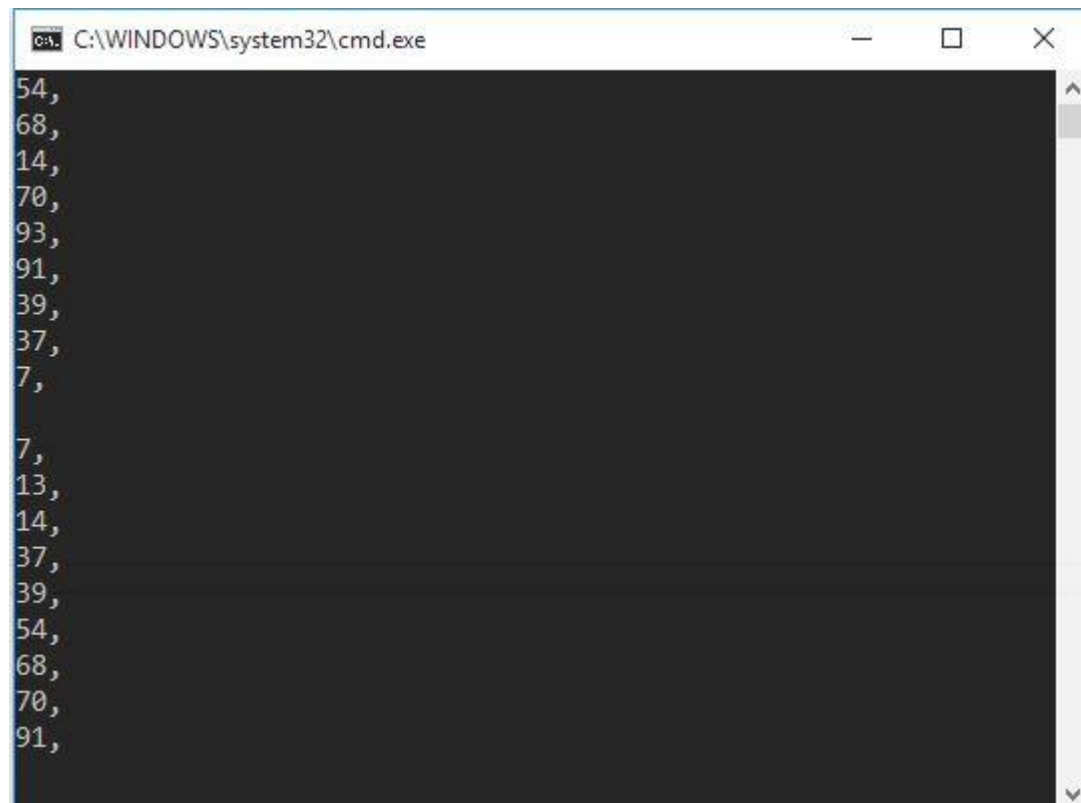
        static void Main(string[] args)
        {
            byte[] t = new byte[] { 54, 68, 14, 70, 93, 91, 39, 37, 7, 13 };
            byte kezd = 0;
            byte veg = (byte)(t.Length - 1);
            bool cserevolt;
            byte csere = 0;
            KiirTomb(t);

            Console.WriteLine();    //sortörés

            do
            {
                cserevolt = false;
                for (byte i = kezd; i <= veg - 1; i++)
                {
                    if (t[i] > t[i + 1])
                    {
                        csere = t[i];
                        t[i] = t[i + 1];
                        t[i + 1] = csere;
                        cserevolt = true;
                    }
                }
                veg = veg--;

                if (cserevolt == true)
                {
                    cserevolt = false;
                    for (byte i = veg; i >= kezd + 1; i--)
                    {
                        if (t[i] < t[i - 1])
                        {
                            csere = t[i];
                            t[i] = t[i - 1];
                            t[i - 1] = csere;
                            cserevolt = true;
                        }
                    }
                    kezd = kezd++;
                }
            } while (cserevolt);
            KiirTomb(t);
            Console.ReadKey();
        }
    }
}

```



A screenshot of a Windows command prompt window. The title bar at the top reads "C:\WINDOWS\system32\cmd.exe" and includes standard window controls (minimize, maximize, close). The command prompt area has a black background with white text. On the left side, a list of numbers followed by commas is displayed, arranged in two columns. The numbers are: 54, 68, 14, 70, 93, 91, 39, 37, 7, 7, 13, 14, 37, 39, 54, 68, 70, 91. The list is partially obscured by a vertical scrollbar on the right side of the window.

```
54,  
68,  
14,  
70,  
93,  
91,  
39,  
37,  
7,  
  
7,  
13,  
14,  
37,  
39,  
54,  
68,  
70,  
91,
```