

## Listák feltöltésével kapcsolatos feladatok megoldása

1.,

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

namespace List
{
    class Program
    {
        static void Main(string[] args)
        {
            List<double> szamok = new List<double> ();
            Console.WriteLine("Hany szamrol lesz szo?");
            int n = int.Parse(Console.ReadLine());
            for (int i = 0; i < n; i++)
            {
                Console.WriteLine("Kerem a {0} szamot:" , i + 1);
                string s = Console.ReadLine();
                double d = double.Parse( s.Replace( '.' , ','));
                szamok.Add(d);
            }
            //
            foreach (double x in szamok)
                Console.WriteLine("{0} ", x);
            Console.WriteLine();
            //
            double sum = 0;
            foreach (double x in szamok)
                sum = sum + x;
            Console.WriteLine("Atlag={0}", sum / n);
        }
    }
}
```

2.,

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

namespace lista
{
    class Program
    {
        static void Main(string[] args)
        {
            List<double> szamok = new List<double>();
            int i = 0;
            while (true)
            {
                Console.WriteLine("Kerem a szamok {0} szamot:", i + 1);
```

```

        string s = Console.ReadLine();
        double d = double.Parse(s.Replace('.', ','));
        if (d == 0.0) break;
        else szamok.Add(d);
        i++;
    }
}
}
}

```

**3.,**

```

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

namespace list3
{
    class Program
    {
        static void Main(string[] args)
        {
            List<double> szamok = new List<double>();
            int i = 0;
            while (true)
            {
                Console.WriteLine("Kerem a {0} szamot:" , i + 1);
                string s = Console.ReadLine();
                if (s == "*" || s == "vege") break;
                double d = double.Parse( s.Replace('.', ','));
                szamok.Add(d);
                i++;
            }
        }
    }
}

```

**4.,**

```

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace list4
{

    class Program

```

```
{  
    static void Main(string[] args)  
    {  
        List<double> szamok = new List<double>();  
        Random rnd = new Random();  
        for(int i=0;i<n;i++)  
        {  
            if ( i % 2 == 0) szamok.Add(rnd.Next(10, 51));  
            else szamok.Add(rnd.Next(40, 81));  
        }  
    }  
}
```