

Scrierea in fisier

Specificarea fisierului in care se scrie :

Prin @ (sir verbatim) in locatia specificata – calea directa: de ex @"C:\ Elev\ curs\ fisier.txt"

In folderul bin/debug – nu se mai specifica calea folosind sirul verbatim

Aplicatia 1 in Console Application

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

namespace ConsoleApplication1
{
    class Program
    {
        struct elev
        {
            public string nume;
            public double n1;
            public double n2 ;
            public double mg ;
        }
        static void Main(string[] args)
        {
            int n;
            elev[] e=new elev[5];
            Console.WriteLine(" n=");
            string s;
            s=Console.ReadLine(); n = Convert.ToInt32(Convert.ToDouble(s));
            for (int i = 1; i <= n; i++)
            {
                e[i].nume = Console.ReadLine();
                s = Console.ReadLine(); e[i].n1 = Convert.ToDouble(Convert.ToDecimal(s));
                s = Console.ReadLine(); e[i].n2 = Convert.ToDouble( Convert.ToDouble(s));
                e[i].mg = (e[i].n1 + e[i].n2)/2;
            }
            for (int i = 1; i <= n; i++)
                Console.WriteLine("nume={0}, n1={1}, n2={2}, mg={3}", e[i].nume, e[i].n1, e[i].n2, e[i].mg);

            Console.ReadLine();
        }
    }
}
```

Aplicatia 2 in Console Application

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.IO; // 1
namespace ConsoleApplication1
{
    class Program
    {
        struct elev
        {
            public string nume;
            public double n1;
            public double n2;
            public double teza ;
            public double mg;
        }
        static void Main(string[] args)
        {
            StreamWriter file2 = new StreamWriter("c:\\file.txt"); //2
            //StreamWriter file2 = new StreamWriter("file1.txt"); //3
            int n;
            elev[] e=new elev[5]; //4

            Console.WriteLine(" n=");
            string s;
            s=Console.ReadLine();
            n = Convert.ToInt32(Convert.ToDouble(s));
            for (int i = 1; i <= n; i++)
            {
                e[i].nume = Console.ReadLine();
                s = Console.ReadLine(); e[i].n1 = double.Parse(s); // 5 //e[i].n1 = Convert.ToDouble(Convert.ToDecimal(s));
                s = Console.ReadLine(); e[i].n2 = double.Parse(s); //e[i].n2 = Convert.ToDouble( Convert.ToDouble(s));
                e[i].mg = (e[i].n1 + e[i].n2)/2;
            }
            for (int i = 1; i <= n; i++)
            {
                Console.WriteLine("nume={0}, n1={1}, n2={2}, mg={3}", e[i].nume, e[i].n1, e[i].n2, e[i].mg);
                file2.WriteLine("nume={0}, n1={1}, n2={2}, mg={3}", e[i].nume, e[i].n1, e[i].n2, e[i].mg); //6
            }
            file2.Close(); //7
            Console.ReadLine();
        }
    }
}
```