

Screenshot of the code for question 3 1.1

```
namespace one;

0 references
class Program
{
    1 reference
    public static double Average(int[] numbers)
    {
        int sum = 0;
        for (int i = 0; i < numbers.Length; i++)
        {
            sum += numbers[i];
        }
        double average = (double)sum / numbers.Length;
        return average;
    }

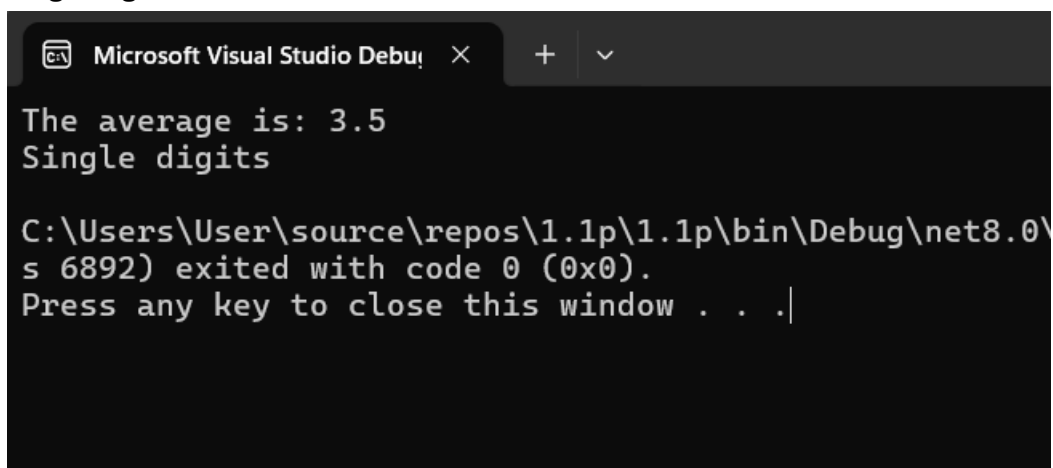
    0 references
    static void Main(string[] args)
    {
        int[] numbers = { 10, 20, 30, 40, 50 };

        double result = Average(numbers);

        Console.WriteLine("The average is: " + result);

        if (result >= 10)
        {
            Console.WriteLine("Double digits");
        }
        else
        {
            Console.WriteLine("Single digits");
        }
        if (result < 0)
        {
            Console.WriteLine("Average value is in the negative");
        }
    }
}
```

single digit value



The screenshot shows a Visual Studio Debug Console window. The title bar reads "Microsoft Visual Studio Debug Console". The output text is as follows:

```
The average is: 3.5
Single digits

C:\Users\User\source\repos\1.1p\1.1p\bin\Debug\net8.0\
s 6892) exited with code 0 (0x0).
Press any key to close this window . . .|
```

double digit value

```
Microsoft Visual Studio Debug Console
The average is: 30
Double digits

C:\Users\User\source\repos\1.1p\1.1p\bin\Debug\net8.0\1.1p.exe (PID: 21068) exited with code 0 (0x0).
Press any key to close this window . . .|
```

negative digit value

```
Microsoft Visual Studio Debug Console
The average is: -3
Single digits
Average value is in the negative

C:\Users\User\source\repos\1.1p\1.1p\bin\Debug\net8.0\1.1p.exe (PID: 16656) exited with code 0 (0x0).
Press any key to close this window . . .|
```