**Product of Array Items**

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C#

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Calculate the product of all elements in an array.

If the array is *null*, you should throw ArgumentNullException and if the array is empty, you should throw InvalidOperationException.

As a challenge, try writing your method in just one line of code. It's possible to have only 36 characters within your method.

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namespace Kata {

using System;

using System.Linq;

public class ArrayMath

{

public static int Product(int[] values)

{

if(values == null)

{

throw new ArgumentNullException();

}

if(values.Length == 0)

{

throw new InvalidOperationException();

}

return values.Aggregate((a,b) => a \* b);

}

}

}