**8 kyu**

**Count by X**

1502991% of 968578of 11,031[shums16](https://www.codewars.com/users/shums16)

C#

* [TRAIN AGAIN](https://www.codewars.com/kata/count-by-x/train/csharp)
* [NEXT KATA](https://www.codewars.com/trainer/csharp)

Details

[Solutions](https://www.codewars.com/kata/count-by-x/solutions/csharp)

[Forks (4)](https://www.codewars.com/kata/count-by-x/forks/csharp)

[Discourse (35)](https://www.codewars.com/kata/count-by-x/discuss/csharp)

* Add to Collection
* |
* Share this kata:

Create a function with two arguments that will return a list of length (n) with multiples of (x).

Assume both the given number and the number of times to count will be positive numbers greater than 0.

Return the results as an array (or list in Python, Haskell or Elixir).

Examples:

Kata.CountBy(1,10) // should return new int[] {1,2,3,4,5,6,7,8,9,10}

Kata.CountBy(2,5) // should return new int[] {2,4,6,8,10}

<https://www.codewars.com/kata/count-by-x/csharp>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

public static int[] CountBy(int x, int n)

{

int[] z = new int[ n];

int elem = x;

for (int i = 0; i < n; i++)

{

z[i] = elem;

elem += x;

}

return z;

}

static void Main(string[] args)

{

foreach (int elem in CountBy(2, 5))

{

Console.Write(elem + " ");

}

Console.ReadLine();

}

}

}