**Multiples of 3 or 5**

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C#

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If we list all the natural numbers below 10 that are multiples of 3 or 5, we get 3, 5, 6 and 9. The sum of these multiples is 23.

Finish the solution so that it returns the sum of all the multiples of 3 or 5 **below** the number passed in.

Note: If the number is a multiple of **both** 3 and 5, only count it *once*. Also, return 0 for any negative input.

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

public static int Solution(int value)

{

// Magic Happens

int sum = 0;

for(int i = 3; i< value; i++)

{

if(i%3==0 || i % 5 == 0)

{

sum += i;

}

}

return sum;

}

//Oleksandr\_Alieiev

public static class Kata

{

public static int Solution(int value)

{

int max = value - 1;

int count3 = max / 3;

int count5 = max / 5;

int count15 = max / 15;

return 3 \* Sum(count3) + 5 \* Sum(count5) - 15 \* Sum(count15);

}

private static int Sum(int value)

{

return (1 + value) \* value / 2;

}

}

static void Main(string[] args)

{

Console.WriteLine(Solution(10));

Console.ReadLine();

}

}

}