**7 kyu**

**Disarium Number (Special Numbers Series #3)**

12992% of 18250 of774[MrZizoScream](https://www.codewars.com/users/MrZizoScream)

C#

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**Definition**

***Disarium number*** is the number that *The sum of its digits powered with their respective positions is equal to the number itself*.

**Task**

***Given*** a number, ***Find if it is Disarium or not*** .

**Warm-up (Highly recommended)**

[**Playing With Numbers Series**](https://www.codewars.com/collections/playing-with-numbers)

**Notes**

* ***Number*** *passed is always* ***Positive*** .
* ***Return*** *the result as* ***String***

**Input >> Output Examples**

1- disariumNumber(89) ==> return "Disarium !!"

***Explanation***:

* Since , ***81 + 92 = 89*** , thus *output* is "Disarium !!"

2- disariumNumber(564) ==> return "Not !!"

***Explanation***:

Since , ***51 + 62 + 43 = 105 != 546*** , thus *output* is "Not !!"

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ALL translations are welcomed

Enjoy Learning !!

**Zizou**

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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 string DisariumNumber(int number)

{

string n = number.ToString();

int sum = 0;

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

{

sum +=(int) Math.Pow(n[i] - '0', i + 1);

}

return sum == number ? "Disarium !!" : "Not !!";

}

static void Main(string[] args)

{

Console.ReadLine();

}

}

}