**Difference Of Squares**

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Find the difference between the sum of the squares of the first n natural numbers (1 <= n <= 100) and the square of their sum. For example, when n = 10:

The square of the sum of the first ten natural numbers is:

(1 + 2 + ... + 10)\*\*2 = 55\*\*2 = 3025

The sum of the squares of first ten natural numbers is :

1\*\*2 + 2\*\*2 + ... + 10\*\*2 = 385

Hence the difference between square of the sum of the first ten natural numbers and the sum of the squares of those numbes is 3025 - 385 = 2640.

**Example**

differenceOfSquares(10) // => 2640

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<html>

    <head>

        <title>problemas codewars</title>

        <script type="text/javascript">

function differenceOfSquares(x){

// ...

var a =0, b=0;

for(var i = 1; i<=x; i++) {

a += i\*i;

b+=i ;

}

return (b\*b) - a;

}

        </script>

    </head>

    <body>

    </body>

</html>