Challenge 6: Compute Sum of First 'n' Natural Numbers

In this challenge, your task is to compute the sum of the first 'n' natural numbers.

> **WE'LL COVER THE FOLLOWING** ∧
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Problem Statement

Implement a `sum_N_Numbers` recursive function to compute the sum of the `n` natural numbers (where (n) is a function parameter). Start by thinking about the base case (the sum of the first 1 integers is?) and then think about the recursive case.

> **Note:** Natural Numbers start from 1, i.e., 1, 2, 3, 4, 5, ...

Input

A natural number `n`

Output

The sum of all numbers from 1 upto that input natural number `n`

Sample Input

7

Sample Output

8

Coding Exercise

Write your code in the code widget below. If you don't get it right, don't fret; the solution is also given.

```python
def sum_N_Numbers (n):
  # Write code here
  pass
```

Now, let's move on to the detailed solution review of the above problem.