Challenge 3: Fibonacci Sequence

Practice your concepts of recursion by writing a function to calculate the Fibonacci sequence.



Problem Statement

In this exercise, you have to write a recursive function fibonacci that takes an integer range as a parameter and returns the nth number from the Fibonacci Sequence where n is the value of the range variable.

Input

an integer

Output

nth value of the fibonacci sequence.

Sample Input

range = 7

Sample Output

The fibonacci sequence up till the 7th index will be as follows:

0 1 1 2 3 5 8 13

The same forms the second small have

Therefore, the output will be:

13

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.



Let's solve a brief quiz in the next lesson, before moving on to strings in the next chapter.