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Fibonacci Using Recursion

Basic

Accuracy: 78.37%

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You are given a number n. You need to find nth Fibonacci number.

F(n)=F(n-1)+F(n-2); where F(1)=1 and F(2)=1

Example 1:

Input:

n = 1

Output: 1

Explanation: The first fibonacci number is 1

Example 2:

Input:

n = 20

Output:6765

Explanation: The 20th fibonacci number is 6765

Python3

Start Timer

1

#User function Template for python3

2

3

class Solution:

4

def fibonacci(self,n):

5

#code here

6

if n==0:

7

return 0

8

elif n==1 or n==2:

9

return 1

10

else:

11

return self.fibonacci(n-1)+self.fibonacci(n-2)

12

13

14

} Driver Code Ends

💡

Custom Input

Compile & Run

Submit