

<https://course.acciojob.com/idle?question=af01e904-d5e6-4709-a91b-38f6819ae8ee>

● EASY

● Max Score: 30 Points

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## Recursive Fibonacci

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Given an integer  $N$ , find the  $N^{\text{th}}$  number in the fibonacci series. Consider 0 and 1 to be the seed values.

In a fibonacci series, each number ( Fibonacci number ) is the sum of the two preceding numbers. The series with 0 and 1 as seed values will go like -

0, 1, 1, 2, 3, 5.....

### Input Format

First line contains the integer  $N$

### Output Format

Print the  $N^{\text{th}}$  fibonacci number

### Example 1

Input

1

Output

0

## Example 2

Input

2

Output

1

## Example 3

Input

5

Output

3

## Constraints

$1 \leq N \leq 30$

### Topic Tags

- **Recursion**

# My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
    static int fun(int n)
    {
        if(n==1) return 0;
        if(n==2) return 1;
        else return( fun(n-1)+fun(n-2));
    }

    public static void main (String[] args) throws
java.lang.Exception
    {
        //your code here
        Scanner s=new Scanner(System.in);
        int n=s.nextInt();
        int i=fun(n);
        System.out.print(i);

    }
}
```