https://course.acciojob.com/idle?question=b0679445-a890-46b4-96fa-2511682d952c

- EASY
- Max Score: 30 Points
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The Fibonacci Sequence

The Fibonacci sequence appears in nature all around us, in the arrangement of seeds in a sunflower and the spiral of a nautilus for example.

The Fibonacci sequence begins with fibonacci(0)=0 and fibonacci(1)=1 as its first and second terms. After these first two elements, each subsequent element is equal to the sum of the previous two elements.

Programmatically:

fibonacci(0)=0

fibonacci(1)=1

fibonacci(n)=fibonacci(n-1)+fibonacci(n-2)

Given n, return the nth number in the sequence.

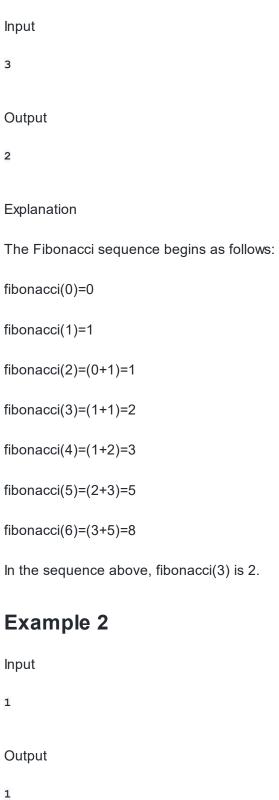
Input Format

Contains a single integer 'n'.

Output Format

The nth element in the Fibonacci sequence

Example 1



Explanation

The Fibonacci sequence begins as follows:

fibonacci(0)=0

fibonacci(1)=1

Constraints

0<n<=30

Topic Tags

DP

My code

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

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