

<https://course.acciojob.com/idle?question=f1ef41f7-6b89-4d04-83e6-393e1af537b5>

● EASY

● Max Score: 30 Points

●

●

●

●

Print Fibonacci Numbers

You've to print first n Fibonacci numbers. Take as input n , the count of Fibonacci numbers to print.

Print first n Fibonacci numbers.

Input Format

The first line contains an integer n .

Output Format

Print first n Fibonacci numbers.

Example 1

Input

10

Output

0

1

1

2

3
5
8
13
21
34

Explanation

The first 10 terms of the Fibonacci sequence are printed above.

Example 2

Input

2

Output

0
1

Explanation

The first 2 terms of the Fibonacci sequence are printed above.

Constraints

$1 \leq N \leq 40$

Topic Tags

- **Loops**

My code

// n java

```
import java.util.*;

public class Main {
    static void fun(int n)
    {
        if(n>0)
            System.out.println("0");

        if(n>1)
            System.out.println("1");
        int a=0,b=1,c=1;
        for(int i=2;i<n;i++)
        {
            c=a+b;
            System.out.println(c);
            a=b;
            b=c;
        }

    }

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();

        //Write code here
        fun(n);
    }
}
```