

## Day 11 coding Statement: Write a program to find Fibonacci series up to n

### Description

Fibonacci series is a special series where nth term is the sum of previous two terms in the series. The series starts with 0 and 1 as the first and second term of the series respectively.

Here you need to get the value for nth term from user and then print Fibonacci series containing n terms.

### Input

5

### Output

0,1,1,2,3

### Input

8

### Output

0,1,1,2,3,5,8,13

```
import java.util.Scanner;

public class RatanPrajapati_day9 {
    static int factorial(int n) {
        if (n == 0 || n == 1) {
            return 1;
        }
        return n * factorial(n - 1);
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int num = sc.nextInt();
        System.out.println(factorial(num));
    }
}
```