**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));

    }

}