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

```java
import java.util.Scanner;

public class Program {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter the number : ");
        int num = sc.nextInt();
        if (num > 0) {
            int a = 0, b = 1, c;
            System.out.print("Fibonacci Series : " + a + ", " + b + ", ");
            while (b < num) {
                c = a + b;
                a = b;
                b = c;
                if (b <= num)
                    System.out.print(b + ", ");
            }
        } else
            System.out.print("Invalid Input");
    }
}
```