Q3. Write a program to calculate Fibonacci Series up to n numbers

import java.util.Scanner;

public class fibbonacci {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the number of terms in the Fibonacci series: ");

int n = scanner.nextInt();

int first = 0, second = 1;

System.out.print("Fibonacci Series up to " + n + " terms: ");

for (int i = 1; i <= n; i++) {

System.out.print(first + " ");

// Calculate the next number in the series

int next = first + second;

first = second;

second = next;

}

}

}