16. Write a program to print the Fibonacci series up to 10 terms. [A series of numbers in which each number is the sum of the two preceding numbers. For example: 0,1,1,2,3, ... n].

```java
import java.util.Scanner;
public class fibonnaci{
    Run | Debug
    public static void main(String[] args) {
        int num1 = 0;
        int num2 = 1;
        int sum = num1 + num2 ;
        System.out.println(x:"print the fibonnaci Series: ");
        int n ;
        Scanner w = new Scanner(System.in);
        n = w.nextInt();
        System.out.print(num1+" "+ num2);

        while(sum <= n){
            System.err.print(" "+sum);
            num1 = num2;
            num2 = sum;
            sum = num1 + num2;
        }
    }
}
```

Output:

```
print the fibonnaci Series:
10
0 1 1 2 3 5 8
```