

```

package method_programs;

import java.util.Scanner;

public class fib_in_recursion {
    static int a=0,s=0,b=1;

    public static int fib(int n) {
        if(n==0) {
            return s=a+b;
        }
        s=a+b;
        a=b;
        b=s;
        System.out.print(s+" ");
        return fib(n-1);
    }

    public static void main(String[] args) {
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the value :");
        int n=s.nextInt();
        //int n=8;
        System.out.println("The fibannaci series :");
        System.out.print("0 "+b+" ");
        System.out.println(fib(n));
    }
}

```

output :

```

Enter the value :
8
The fibannaci series :
0 1 1 2 3 5 8 13 21 34 55

```