

```
1 // The fibonacci series
2 import java.util.Scanner;
3 public class Solution {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         int n1 = 0;
7         int n2 = 1;
8         int n3;
9         System.out.print("ENTER THE NUMBER OF ELEMENTS OF THE FIBONACCI SERIES : ");
10        int n = input.nextInt();
11        System.out.print(n1+" "+n2);
12        for (int i = 2; i <= n; i = i + 1) {
13            n3 = n2 + n1;
14            System.out.print(" "+n3);
15            n1 = n2;
16            n2 = n3;
17
18        }
19        /* for example n = 9      0 + 1 = 1
20
21                                1 + 1 = 2
22
23                                1 + 2 = 3
24
25                                2 + 3 = 5
26
27                                3 + 5 = 8
28
29                                5 + 8 = 13
30
31                                13 + 8 = 21
32
33                                21 + 8 = 34
34
35        */
36    }
37 }
38 }
39
```