fi bonacci

011235

11235_____

01,1235813....

11235--











Fibonacci number 12

Problem Submissions Leaderboard Discussions

You have given an integer ${\bf n}$, you have to print first ${\bf n}$ numbers of the **fibonacci** series till ${\bf n}$.

Sample Input 1

5

Sample Output 1

0 1 1 2 3

for (n times)

{ print
slogic
}

n =

$$a = 0$$

$$b = 1$$

$$for \left(\frac{1}{n + imes} \right)$$

$$Syso(a)$$

a $a = \beta \times 12^{5} i = \emptyset$ $b = 112358 \times 12$ 1 vimport java.io.*; import java.util.*; 015 *public class Solution { 125 6 public static void main(String[] args) { Scanner scn = new Scanner(System.in); int n = scn.nextInt(); 9 int a = 0; next= 8 10 int b = 1; 11 12 1 for(int i = 0; i < n; i++){ System.out.print(a + " "); 13 14 int next = a + b; a = b;15 16 b = next; 17 18 19 20 }

n

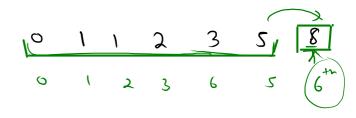
n = 5

next = 51 vimport java.io.*; import java.util.*; 4 ▼public class Solution { 5 6 1 public static void main(String[] args) { Scanner scn = new Scanner(System.in); 8 int n = scn.nextInt(); 9 int a = 0; 10 int b = 1; 11 12 • cfor(int i = 0; i < n; i++){ 13 14 int next = a + b; 15 16 b = next; 17 18 19 20 }

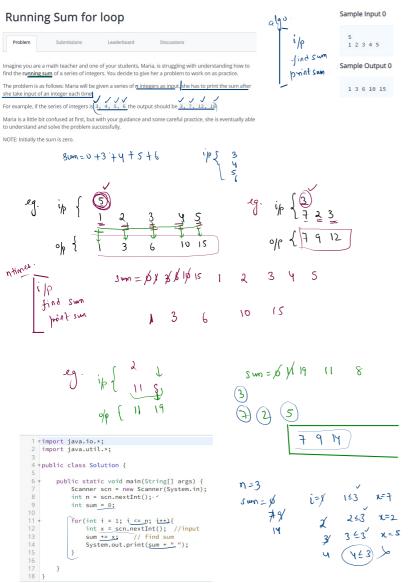
Nth Fibonacci Number 7

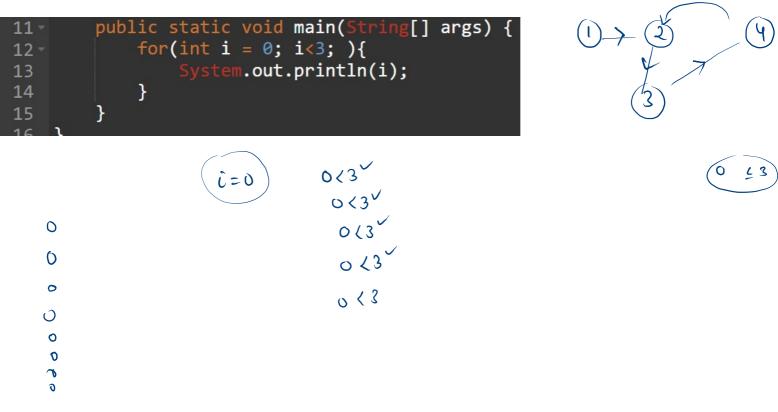
```
1 vimport java.io.*;
   import java.util.*;
4 *public class Solution {
6
       public static void main(String[] args) {
            Scanner scn = new Scanner(System.in);
8
            int n = scn.nextInt();
9
            int a = 0;
10
            int b = 1;
11
12 •
            for(int i = 0; i < n; i++){
13
                int next = a + b;
                a = b;
14
15
                b = next;
16
            System.out.print(a + " ");
17
18
19
```

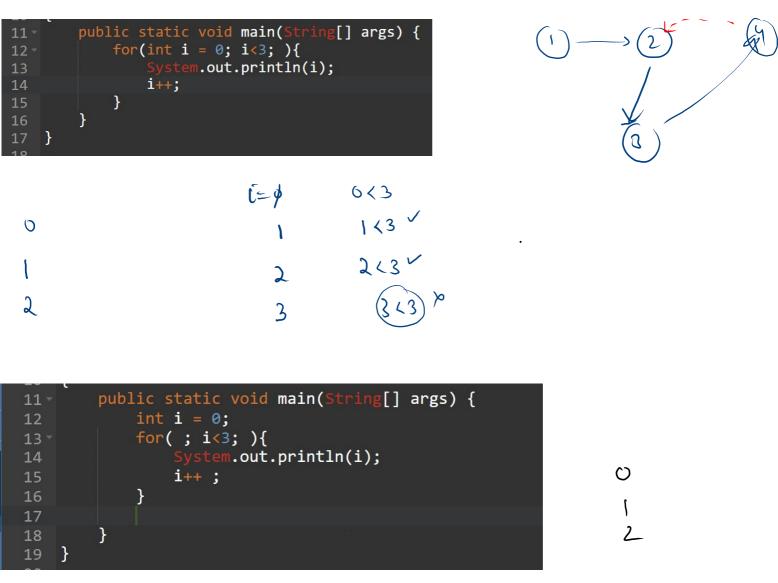
20 }



$$n=4$$
 $n=5$
 $n=5$
 $n=5$







while loop

```
while (cond)

{
2
```

```
public static void main(String[] args) {
    int i = 0;

while( i<3){{
        System.out.println(i);
        i++;

}</pre>
```

 $\frac{1}{3}$ $\frac{3}{3}$ $\frac{3}{3}$

it's your choice use while? to while? of Adv. hetter for v/s while? What is BMW (Burger) Audy Pizza

1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6 public static void main(String[] args) {
 Scanner scn = new Scanner(System.in);
 int n = scn.nextInt();
9
10 int i = 0;
11 while(i <= n){
 System.out.println(i);
13</pre>

14 15

16 }

}

0 to n.

Print 5 to n

```
1 import java.io.*;
 2 import java.util.*;
4 public class Solution {
5
6
7
8
9
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
           int n = scn.nextInt();
10
           int i = 5;
           while(i \le n){
               System.out.println(i);
13
               j++;
14
15
16 }
```

Print 4,13,22,31.....n

Problem Submissions Leaderboard Discussions

A programming task was assigned to a beginner named Alex. The task was to print the sequence 4, 13, 22, 31... until n using a while loop. Alex took the value of n as input from the user and successfully completed the task.

Most = 4

Update
$$\Rightarrow$$
 $i+=9$

```
import java.io.*;
import java.util.*;

public class Solution {

public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();

int i = 4;
    while(i <= n){
        System.out.println(i);
        i += 9;
    }
}
</pre>
```

Sample Input 0

55

Sample Output

Print n, n-k, n-2k, n-3k.... till l Sample Input 3 You will be given three integer inputs N.K and L and you to print the series N, N-K, N-2K, N-3K.... till last where the value printed in the end should be just greater than or equal to the given input L. 22 - N 4 - K To be clear: You will print L if L belongs to the series. Sample Output 3 N-2K ___ >L N-K, 22 18 14 10 Stant = NUp take \rightarrow cond \rightarrow L=6 6 N= 22 22 18 14 N=22 10 1 import java.io.*; K=4 2 import java.util.*; L= 5 4 public class Solution { public static void main(String[] args) { 2226 Scanner scn = new Scanner(System.in); int N = scn.nextInt(); Olp int K = scn.nextInt(); 1826 int L = scn.nextInt(); int i = N;22 1426 $while(i >= L){$ 14 System.out.println(i); 18 i -= K; 1026 14 18 } 10 6 226

9