

1. Program

Question 1

Revisit Later

How to Attempt?

nthFibonacci : Write a function to return the nth number in the fibonacci series.
The value of N will be passed to the function as input parameter.

NOTE: Fibonacci series looks like -
0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, and so on.

i.e. Fibonacci series starts with 0 and 1, and continues generating the next number as the sum of the previous two numbers.

- first Fibonacci number is 0,
- second Fibonacci number is 1,
- third Fibonacci number is 1,
- fourth Fibonacci number is 2,
- fifth Fibonacci number is 3,
- sixth Fibonacci number is 5,
- seventh Fibonacci number is 8, and so on.

JAVA8

Compiler: Java - 1.8

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public long nthFibonacci(int input1){
9         // Read only region end
10        // Write code here...
11        int val1=0, val2=1, temp=0;
12        for(int i=3; i<=input1; i++)
13        {
14            temp=val1+val2;
15            val1=val2;
16            val2=temp;
17        }
18        return temp;
19    }
20 }
```

☐ Use Custom Input

①

Compile and Test

Submit Code

1. Program

0

1

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Use Custom Input

Code Execution

0/8 - Graded Test

Test case 8

Test case 7

Test case 6

Test case 5

Test case 4

Test case 3

Test case 2

Test case 1

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Finish Test

Remaining Time: 00:57:23

Your Test Summary

1 Total Questions

Attempted: 1/1

Marked for Revisit: 0/1

Unattempted: 0/1

Section Summary

#	SECTION NAME	STATUS
1.	Program Untimed Section	<div>1</div> <div>Total: 1 Questions</div>

Yes, End Test!

No, Back to Test