

Scoremore: Assessment - Java

Write a method which returns Nth term of Fibonacci Sequence.

Explanation: Fibonacci Sequence:

The Fibonacci Sequence is a series of numbers: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, ...

The next number is found by adding up the two numbers before it.

Method needs to be defined as follows

Name of Method: getNthTermOfFibonacciSeries() // accepts an integer and returns Nth term in sequence

Arguments: integer

Return type: integer

Method should meet the following functional expectations:

- 1. Method should return Nth term of Fibonacci Sequence.
- 2. Return -1, If input is zero or negative.

Sample I/O

Input: 4

Output: 2

Input: 7

Output:8

Read the steps below carefully before you start

- 1. Download the skeleton code provided (Fibonacci_NthTerm.java)
- 2. In the downloaded file, add your code in the placeholder "ADD YOUR CODE HERE"
- 3. To write code, you can use editors such as Eclipse, Notepad, GEdit, VIM etc
- 4. Compile your code
- 5. Check the output and upload the source file i.e., .java file

Follow the below steps to upload the file

- 1. click on 'Select a file' button. Locate and select the .java file (Fibonacci_NthTerm.java) you want to upload. Ensure that you select the correct file as only one file can be uploaded. In case you selected the wrong file, refresh the page before proceeding to next step.
- 2. Now the button 'Upload **Fibonacci_NthTerm.java** will be displayed'. Click this button to upload

File uploaded Fibonacci_NthTerm.java

Your solution has been successfully submitted.

Your score is 10

Comment: Congratulations! Your code has compiled with no errors.

TestCase: testGetNthTermWithZero, Grade: Passed, Score: 2 out of 2, Message: with zero or negative input

TestCase: testGetNthTerm, Grade: Passed, Score: 8 out of 8, Message: in getting Nth term

Attempt 1 of 10 Try Again.

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