366. Fibonacci

* [Description](http://lintcode.com/en/problem/fibonacci/" \l "description)
* [Notes](http://lintcode.com/en/problem/fibonacci/#note)
* [Testcase](http://lintcode.com/en/problem/fibonacci/#testcase)
* [Judge](http://lintcode.com/en/problem/fibonacci/#judge)

Accepted

Total Runtime: 4822 ms

100% test cases passed.

**Unsolved Related Problems**

[**26 %**389. Valid Sudoku**Easy**](http://lintcode.com/problem/valid-sudoku)[**21 %**248. Count of Smaller Number**Medium**](http://lintcode.com/problem/count-of-smaller-number)[**20 %**249. Count of Smaller Number before itself**Hard**](http://lintcode.com/problem/count-of-smaller-number-before-itself)[**14 %**131. Building Outline**Super**](http://lintcode.com/problem/building-outline)[**27 %**370. Convert Expression to Reverse Polish Notation**Hard**](http://lintcode.com/problem/convert-expression-to-reverse-polish-notation)

Share your acceptance to your friends!

**1**

Wrong code got passed?  
Provide more test data to LintCode!

<http://lintcode.com/en/problem/fibonacci/#>

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication1;

import java.util.ArrayList;

/\*\*

\*

\* @author Usuario

\*/

public class JavaApplication1 {

/\*\*

\* @param args the command line arguments

\*/

public static int fibonacci(int n) {

// write your code here

ArrayList<Integer> lista = new ArrayList();

lista.add(0);

lista.add(1);

for(int i =2; i<n; i++) {

lista.add(lista.get(i-1) + lista.get(i-2));

}

return lista.get( n-1);

}

public static void main(String[] args) {

// TODO code application logic here

System.out.println(fibonacci(10));

}

}