Challenge 2: Calculating the First 'n' Fibonacci Numbers

In this challenge, you have to calculate the first 'n' fibonacci numbers.

We'll cover the following

Problem statement

In this exercise, you have to calculate the first ‘n’ fibonacci numbers. The fibonacci series is:

$$0, 1, 1, 2, 3, 5, 8, 13, ...$$

The first two fibonacci numbers are 0 and 1. Every subsequent number in the fibonacci sequence is the sum of the previous two.

You will be given a number `n`, and your code should store first `n` **fibonacci values** in the string `fib`. You can use the `valueOf()` method of string to convert `int` value into a string.

Example

If the value of `n` is **6**. Then the `fib` should store the following sequence of numbers:

```
0 1 1 2 3 5
```

> **Note** Just like it is shown above, the values in the **string** should have spaces in between them. You can add space by simply adding quotation marks with space in between them to your string, like this: " ".

Only write the code where instructed in the snippet below. You need to store your final result in the variable `fib`. The **return** statement and the **variable** to be returned are already mentioned for you. Don't worry too much about the return statement for the moment, and just set the value of the `fib` correctly.

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

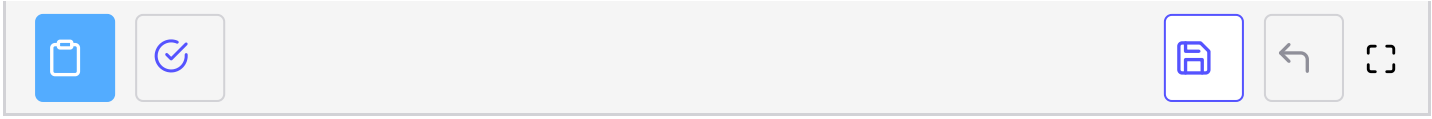
Good Luck!

```
class Fibonacci {
    public static String test(int n) {
        String fib = "";

        // Enter your code here
        // Store your final result in the variable fib

        /* You do not need to worry too much about the return statement for the
        moment and just set the value of “fib” correctly*/


        return fib;
    }
}
```



In the next lesson, we will review the solution to the above challenge.