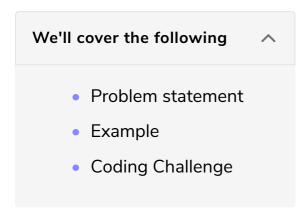# Challenge 1: Multiplication Table of a Number

In this challenge, you have to print the multiplication table of a number up to 10.

Problem statement

In this challenge, you will store all the values computed from a multiplication in the string `answer`. You can use the `valueOf()` method of string to convert `int` value into a string.

Example

Input: `int num` = 5

Here's an illustration showing what the string `answer` should have stored in it at the end of the `while` loop for the above-mentioned **input**.

5 10 15 20 25 30 35 40 45 50

Multiplication Values Stored in String 'answer'

Your output should be in the format given above. Otherwise, your code will not pass the test cases.

Note: Just like it is shown in the picture 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: " ".
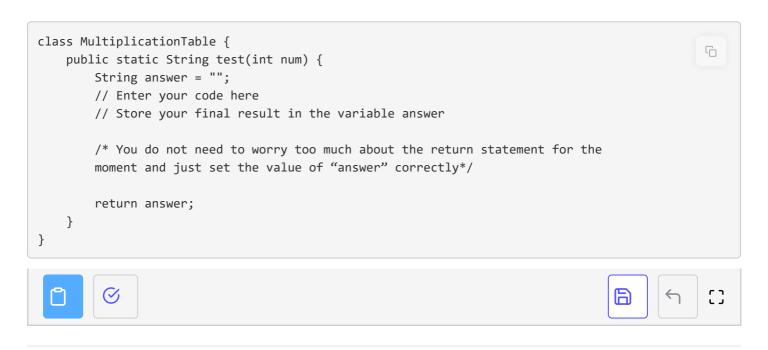
Coding Challenge

Only write the code where instructed in the snippet below. You need to store your final result in the variable `answer`. 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 `answer` correctly.

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

Good Luck!

```java
class MultiplicationTable {
    public static String test(int num) {
        String answer = "";
        // Enter your code here
        // Store your final result in the variable answer

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

        return answer;
    }
}
```

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