

# Challenge 1: Multiplication Table of a Number

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

## We'll cover the following ^

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## Problem Statement #

Write a code which will

- Print the **multiplication** table of a number `num` up to **10**.
- You have to use `while` loop for solving this problem.
- Your code should **return** the **string** `ans` with all the values computed from multiplication appended in that string.
  - Here's a [link](#) showing how you can add values to a **string**.

## Input #

an integer

## Output #

a string

## Sample Input: #

5

## Sample Output #

## Sample Output

Here's an illustration showing what the string `ans` 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 Ans

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

- In your code also display the values after multiplying the number up to **10** as shown in the picture below.

## Example #

Here is what the table of 5 should print:

```
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
```

## Coding Challenge #

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

**Good Luck!**

```
//the variable $num contains the number whose table needs to be calculated
//dont worry about the php tags

$ans = "xyz"; //return the correct value in this string

//write your code for while loop here
```



The next lesson has another challenge for you.