

TYPESCRIPT | DAY 1 | CLASSWORK

Basic Exercises

Exercise 1

Make a multiplication table using TypeScript loops from an array with number values 1 to 10 and the result should look like this:

1 X 1 = 1

2 X 1 = 2

3 X 1 = 3

...

1 X 2 = 2

2 X 2 = 4

...

9 X 10 = 10

10 X 10 = 100

Exercise 2

1. Print your full name in the browser (you will have an object that has 2 properties fName and lName).

2. Print your first name 10 times in the browser using a forEach loop (don't forget that forEach loop works on arrays, so you can put the object in an array and repeat it).
3. A function should be triggered 5 seconds after opening the page that prints your last name in the console 10 times.

Exercise 3

Create an array of names, this array should only accept strings.

1. Print only the index of the elements.
 2. Print only the values.
 3. Print both index and values.
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Advanced Exercises

Exercise 1

Create a Restaurant Web Page using the below-provided Typescript concepts. Try to implement all of them in an appropriate place in the App:

- Define for each variable/array the data type
- List the array items and make sure that it has a strict data type definition
- Use some loop for displaying the data into the Page (forEach, For in, or For-of)
- Define some appropriate value as const

It is up to you how the front-end part will look like. It will be nice if you provide a well structured and designed Bootstrap page.

Your task is to incorporate all these features using Typescript in a proper and meaningful place in your App. More dynamic data is always welcome. Feel free to add additional functionalities.

