



# Angular-and-beyond

## DayThree

*Summary: This document is the subject for the DayThree module of the Angular-and-beyond written by bvalaria.*

*Version: 1.0*

# Contents

<b>I</b>	<b>Instructions</b>	<b>2</b>
<b>II</b>	<b>Foreword</b>	<b>3</b>
<b>III</b>	<b>Exercise 00 : ft_valerio</b>	<b>4</b>
<b>IV</b>	<b>Exercise 01 : The Js Shop</b>	<b>6</b>
<b>V</b>	<b>Bonus part</b>	<b>7</b>
<b>VI</b>	<b>Submission and peer-evaluation</b>	<b>8</b>

# Chapter I

## Instructions

- Only this page will serve as reference: do not trust rumors.
- Make sure you have the appropriate permissions on your files and directories.
- You have to follow the submission procedures for all your exercises.
- Your exercises will be checked and graded by your fellow classmates.
- These exercises are carefully laid out by order of difficulty - from the easiest to the hardest. We **will not** take into account a successfully completed harder exercise if an easier one is not perfectly functional.
- Using a forbidden function is considered cheating. Cheaters get **-42**, and this grade is non-negotiable.
- If your program doesn't compile, you'll get 0.
- You cannot leave any additional file in your directory than those specified in the subject.
- Got a question? Ask your peer on the right. Otherwise, try your peer on the left.
- Your reference guide is called **Google / man / the Internet / ....**
- How to solve this problem? Try this:  
"how to + \${problem} + \${ProgramLangName}" and search on google.  
Example: "How to center a DIV html" / "How to catch text in a form JS"
- Examine the examples thoroughly. They could very well call for details that are not explicitly mentioned in the subject...
- By Odin, by Thor ! Use your brain !!!

# Chapter II

## Foreword

Lonely Day - System of a down

Such a lonely day  
And it's mine  
The most loneliest day of my life  
Such a lonely day  
Should be banned  
It's a day that I can't stand

The most loneliest day of my life  
The most loneliest day of my life

Such a lonely day  
Shouldn't exist  
It's a day that I'll never miss  
Such a lonely day  
And it's mine  
The most loneliest day of my life

And if you go  
I wanna go with you  
And if you die  
I wanna die with you  
Take your hand and walk away


The most loneliest day of my life  
The most loneliest day of my life  
The most loneliest day of my life  
Ah-ah-ah-ah-ah-life

Such a lonely day  
And it's mine  
It's a day that I'm glad I survived

It's just a song lyric, don't worry

# Chapter III

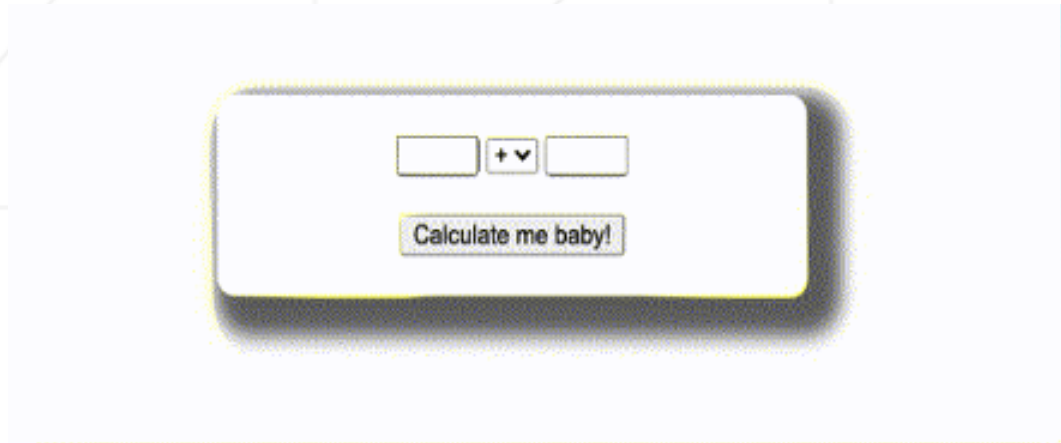
## Exercise 00 : ft\_valerio

	Exercise 00
ft_valerio	
Turn-in directory : <i>ex00/</i>	
Files to turn in : <b>calculator.html</b> , <b>calculator.css</b> , <b>calculator.js</b>	
Allowed functions : <b>all</b>	

For this exercise, we will create a basic calculator.  
No library allowed. Don't worry You won't have to do the math.  
The design doesn't matter as long as the exercise is still doable.  
First, let's model our calculator. It will be composed as follows:


- A text input field that represents the left member of our calculation.
- A select field that will contain a list of the following operators as options:('+', '-', '\*', '/').
- A text input field that represents the right member of our calculation.
- A submit input of value 'Calculate me baby!'.

When we click on the button, the calculation is executed and the result appears under.  
Pay attention at the type of the input tag.  
The result also needs to be displayed on the console of your browser (log).  
Both inputs fields can only contain positive integer values ( $\geq 0$ ) for the calculation to be executed. Otherwise display an alert message must appear with a sympathetic message of your choice  
Division by zero display an alert message or a render of an iFrame(and what is it?) with this video:  
<https://youtu.be/T2U07KFqmew>  
Every 30 seconds, an alert pop-up windows will appear saying 'Please, use me...'



# Chapter IV

## Exercise 01 : The Js Shop

	Exercise 01
The Js Shop	
Turn-in directory : <i>ex01/</i>	
Files to turn in : <b>shop.html</b> , <b>shop.css</b> , <b>shop.js</b> , ( <b>store.json</b> )	
Allowed functions : <b>all</b>	

Welcome in the first shop homepage create by you.

Remember the card of yesterday? Take the component and reuse it as many times as the number of products you will sell. Every card has different value and image. Take the file `store.json` and use the array of object inside it. So, you learn how to use a JSON and the object inside him.


The card must have:

- Images
- Title
- Description
- Category
- Price

Follow the **map** to get to the treasure!

# Chapter V

## Bonus part

	Exercise bonus
The Js Shop v2	
Turn-in directory : <i>exbonus/</i>	
Files to turn in : <code>shop.html</code> , <code>shop.css</code> , <code>shop.js</code> , ( <code>store.json</code> )	
Allowed functions : <code>all</code>	

Same files, same goals but this time add a button that changes the rendering of products: card or list.

The list must have in order from left to right:

- Product id in dynamic ascending order
- An image reduced to an icon on the side
- Name and etc.

Nothing that difficult come on



# Chapter VI

## Submission and peer-evaluation

Turn in your assignment in your `Git` repository as usual. Only the work inside your repository will be evaluated during the defense. Don't hesitate to double check the names of your files to ensure they are correct.



You need to return only the files requested by the subject of this project.