C1- Code & Go

Javascript_D04

Javascript-D04 / JQuery

Learn JQuery

Foreword

Javascript-D04

In this first part, we will focus on the basics of jQuery. For each question, you are asked to create a ":js" file.
Location of files to hand in : JavaScript_D04

> ⚠ In the following exercises, the instructions must be executed after the page is fully loaded.
>
> On each exercise you MUST provide the appropriate index.html file

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Introduction

If you feel you are doing a bit of magic, fear not!!! That's because you are doing some magic!

Remember, you are the master of all things, a master among masters.

The DOM must bow before you.

Ps: Try not to get yourself hurt

Exercice 01

1pt

File to hand in:
ex_01/selector.js
ex_01/index.html

At first there was something and then nothing

This file must contain a function which selects all paragraphs on the page and makes them disappear.

Exercice 02

1pt

File to hand in:
ex_02/selector.js
ex_02/index.html

Try again

This file must contain a function which selects an element with the id "test" and makes it disappear.

Exercice 03

1pt

File to hand in:
ex_03/selector.js
ex_03/index.html

Third time's a charm

This file must contain a function which selects an element with the class "test" and makes it disappear.

Exercice 04

1pt

File to hand in:
ex_04/selector.js
ex_04/index.html

Half and half

This file must contain a function which selects all elements of hyperlink type that do not have the target "_blank" attribute, and makes them semitransparent with 50% opacity.

Exercice 05

2pts

File to hand in:
ex_05/selector.js
ex_05/index.html

He was the first of his kind and then he was not

This file must contain a function which selects the first element of the first unordered list and makes it disappear.

Exercice 06

1pt

File to hand in:
ex_06/event.js
ex_06/index.html

Make them aware of your power

This file must contain a function which assigns a "click" event on the first "button" element of the page.
The action of the event must make all paragraphs of the page disappear.

Exercice 07

2pts

File to hand in:
ex_07/event.js
ex_07/index.html

Make them all pale and vanish as you pronounce the words

This file must contain a function which assigns an "on" event to all paragraphs of the page.
Three actions must be assigned to this event.
When the mouse enters a paragraph, the background color of the paragraph must become light gray.
When the mouse leaves the paragraph, the background color must revert to white.
And finally, when you click on the paragraph, its text must disappear.

Exercice 08

File to hand in:
ex_08/event.js
ex_08/index.html

As you wave your hand it's here, then it's not, then again it's here

This file must contain a function which assigns a "click" event on the "button" element of the page.
The action of the event must make the element with id "menu" appear or disappear.

Exercice 09

File to hand in:
ex_09/animates.js
ex_09/index.html

One shall levitate as you change the scenery

This file must contain a function which assigns a "click" event on the element with class "platypus".
The action of the event must move the element with class "platypus" 150 pixels to the right, 200 pixels to the bottom and set the background color of the element to green.

Exercice 10

File to hand in:
ex_10/callback.js
ex_10/index.html

Amber alert

This file must contain a function which selects the elements of class "test" in the page, and makes them disappear. In addition, an alert must be sent after the disappearance of the element with the message "The paragraph is now hidden.".

Exercice 11

File to hand in:
ex_11/append.js
ex_11/index.html

Fill the void

You will now add an input with the id "listItem" in your page. And a button. You must then add a function which will be called every time a click happens on this button with the input you just created as parameter.
This function must add a div after this element, which will contain the value of the element passed as parameter.

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Exercice 12

1pt

File to hand in:
ex_12/insert.js
ex_12/index.html

In-between

This file must contain a function which inserts the sentence "Wow, I precede the image!" before the first image and "Hey, I come in last" right after.

Exercice 13

1pt

File to hand in:
ex_13/removed.js
ex_13/index.html

Outcasts

This file must contain a function which removes from the page all paragraphs with classes "test" and "platypus". You must call on a single function.

Exercice 14

2pts

File to hand in:
ex_14/main.js
ex_14/index.html

I appoint you "blue class"!

This file must contain a function which, when hovering over a paragraph, adds the "blue" class to it.
In addition, you should be able to include or remove a paragraph from the "highlighted" class with a single mouse click.

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Exercice Bonus

6pts

File to hand in:
ex_14/main.js
ex_14/index.html

Make a 2 players tic-tac-toe.
If you have the balls, implement AI.

https://www.wikiwand.com/en/Tic-tac-toe