T – Web Development Seminar

Day 03

HTML/CSS

{EPITECH.}

Day 03

repository name: web_seminar_day03_$ACADEMICYEAR
repository rights: ramassage-tek
language: HTML/CSS

- Your repository must contain the totality of your source files, but no useless files (binary, temp files, obj files,...).

- All the bonus files (including a potential specific Makefile) should be in a directory named *bonus*.

All yesterday exercises must be completed before starting this new day.

Once more, today's exercises are not independent from each others .
Each exercise reuse the previous one, and the first exercises reuse yesterday's last exercise.
They are to be done one after the other.

We advise you to systematically copy/paste the previous exercise before adding the requested functionalities.

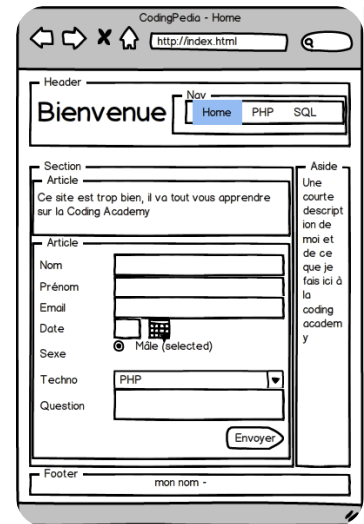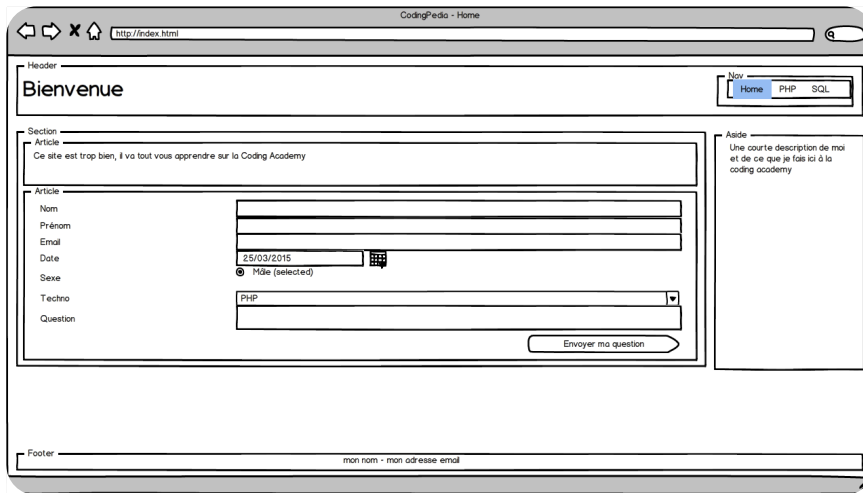All HTML pages must respect the basic HTML structure.

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Exercise 01

Turn in: ./ex_01/index.html
./ex_01/codingpedia.css

Strating from yesterday pages, modify the stylesheet so that the index page fits a 1280*720px resolution.

Modifiy it so that the page can adapt to a 400*600px resolution.

Exercise 02

Turn in: ./ex_02/index.html
./ex_02/codingpedia.css
Restriction: the use of the `calc` function is forbidden

Integrate a "div" element in the *index.html* page that has a class named "container".

Upon display, the size of the container must be smaller than the total width of the page.
You must apply a 20 pixels space on each side without using margins.

Inside, implement a paragraph with the following text:

```
I have 40 pixels less in my container
```

Exercise 03   1pt

Turn in: ./ex_03/index.html
          ./ex_03/codingpedia.css

In the **index.html** page, integrate a "div" element that has a *container* class.
In this container, add a new element with an "id" equal to "lin".
This element must display a color gradient from light to dark blue in CSS only.

Exercise 04   1pt

Turn in: ./ex_04/index.html
          ./ex_04/codingpedia.css

Integrate a paragraph in the **index.html** page.
Select the first letter of the phrase in this paragraph and apply a grey background color to it.
In addition, you must raise its font size to 24.

> selector

Exercise 05   2pts

Turn in: ./ex_05/index.html
          ./ex_05/codingpedia.css

In the **index.html** page, integrate a "div" element that has a container class.
Implement 3 elements in the container with a class named "block".
Two of them must have an attribute named foobar.
One of these attributes will have value "foo1" and the other "foo2".

The "block" class must represent a green square with 50 pixels' sides.
The element having attribute "foo1" must have a red background and the one with attribute "foo2" must have a blue background.

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Exercise 06   1PT

Turn in: ./ex_06/index.html
           ./ex_06/codingpedia.css

Integrate a paragraph containing the phrase "I am an uncommon font".
Apply the "Satisfy" font to this paragraph.

Exercise 07   1PT

Turn in: ./ex_07/index.html
           ./ex_07/codingpedia.css

In the **index.html** page, integrate a "div" element that has a class "container".
In this element, introduce another element that has a "mybutton" class.
In this element of "mybutton" class, insert the text "Send".
This element must have a yellow border of 3 pixels width and rounded angles.

Exercise 08   1PT

Turn in: ./ex_08/index.html
           ./ex_08/codingpedia.css

In the **index.html** page, integrate a "div" element that has a class "container".
This div must contain a paragraph with the following text: "I am a customized text".
This text must have a shadow.

EXERCISE 09   2PTS

Turn in: ./ex_09/index.html, ./ex_09/codingpedia.css

In the **index.html** page, integrate a "div" element that has a class "container".

In this element, display three other square-shaped elements with an "inline-block" display type.

Each of these elements will be a square with 120 pixels sides and be aligned to their top side:

1. the first element must have id "block1" with an orange background color,
2. the second element must have id "block2" with a white background color, a 10 px yellow border and an 8 pixels padding,
3. the third element must have id "block3" with a black background color and a 32 px padding.

These three elements must have the same size when they are displayed.

> box-sizing

EXERCISE 10   1PT

Turn in: ./ex_10/index.html
         ./ex_10/codingpedia.css

In the **index.html** page, integrate a "div" element that has a class "container".

This element must be 500 px wide.

In addition, this element must contain a paragraph in which a lorem ipsum must be displayed in three columns (in CSS only).

Exercise 11

Turn in: ./ex_11/index.html
          ./ex_11/codingpedia.css

In the **index.html** page, integrate a "div" element that has a class "container".
Add two images in the background. Both images must be visible.
The first image, 'paper.gif', must cover all of the container and the second image, 'flower.gif', must be positioned in the bottom right corner of the container.

> These assets will be given to you.

Exercise 12

Turn in: ./ex_12/index.html
          ./ex_12/codingpedia.css

In the **index.html** page, integrate a "div" element that has a class "container".
In this element, add a bulleted list containing an element of your choice.
By using a CSS "pseudo class", add "Element:" before each "li" element and "end of sentence" after each "li" element.

Turn in: ./ex_13/index.html
          ./ex_13/codingpedia.css

In the **index.html** page, integrate a "div" element that has a class "container".
This element will represent a red, 100px * 100px square.

You must now have the square move.
First, the square must move 300 pixels to the bottom and take on a green color.
Then, the square will move 300 pixels to the right and take on a blue color.
Then, the square will move up 300 pixels and take on a yellow color.
Finally, the square returns to its starting position and its color goes back to red.

This movement must be performed 5 times before stopping.
Each cycle must last 5 seconds.

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