T – Web Development Seminar

T-WEB-x00

Day 01

HTML/CSS

Day 01

repository name: web_seminar_day01_$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*.

Today's exercises are not independent from each others.
Each exercise reuse the previous one.
They are to be done one after the other.

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

As a reminder, today exercises will not be corrected automatically.

All HTML pages must respect the basic HTML structure.

{ EPITECH. }

Exercise 01

1PT

Turn in: ./ex_01/index.html

Write a HTML file named **index.html**.
Display "Welcome to CodingPedia" on that page.

Exercise 02

2PTS

Turn in: ./ex_02/index.html

Put the sentence "Welcome to CodingPedia" in a level 1 title tag.
Create a paragraph describing the content of your site:

```
CodingPedia is a collective encyclopedia project on the Internet aiming to be
universal and multi-lingual which functions as a wiki.
CodingPedia has for goal to offer freely reusable objective and verifiable content
that anyone can modify and improve.
```

Add a small paragraph to introduce yourself.

Exercise 03

2PTS

Turn in: ./ex_03/index.html, php.html, sql.html

Create the pages **php.html** and **sql.html**.
Add the two folowing links on your **index.html** page:

1. PHP -> php.html
2. SQL -> sql.html

{ EPITECH. }

EXERCISE 04   3PTS

Turn in: ./ex_04/index.html, php.html, sql.html
Add the following structure tags on your three pages:

- an header tag
- a menu tag
- a main content tag
- an aside content tag (this is a precise HTML tag that presents a content relative to the main content)
- a footer tag that contains an address tag with your coordinates : 'name' – 'first name' – 'address' – 'tel'

> Each page of your site must have the same structure.

EXERCISE 05   2PTS

Turn in: ./ex_05/index.html, php.html, sql.html
Create a list on your **index.html** page that contains the links to the different pages (including index.html).
Add this list, that will act as a menu, on all your HTML pages.

{ EPITECH. }

EXERCISE 06   3PTS

Turn in: ./ex_06/index.html, php.html, sql.html

On your **php.html** and **sql.html** pages, create 4 articles in your main content tag:

- The first article will contain a description of the page's technology.
  Use the HTML abbreviation tag.
  Copy / paste the first Wikipedia paragraph about PHP and SQL

- A second empty article.

- A third article that contains a list of your comments on this technology.

- A fourth one that contain code examples.
  Use the appropriate tag.

The aside content tag will contain an HTML citation tag:

> *Peace is a lie, there is only passion.*
> *Through passion, I gain strength.*
> *Through strength, I gain power.*
> *Through power, I gain victory.*
> *Through victory, my chains are broken.*
> *The Force shall free me.*
>
> *Sith Code*

EXERCISE 07   2PTS

Turn in: ./ex_07/index.html, php.html, sql.html

Get back to the second article of the previous exercise.
Insert a new array.
Its title will be "Course planning" and it must contain in its header the columns "Subject", "Description" and "Grade obtained".

Then you will fill this array each day of the course.

{ EPITECH. }

EXERCISE 08   3PTS

Turn in: ./ex_08/index.html, php.html, sql.html

Create a form in a new article of the **index.html** page.
This form will be used to ask questions on the technologies described in other pages.

It must contain the following fields:

- "Name" (required)
- "First name" (required)
- "Email" (required)
- "Age" (minimum 3, maximum 99 years old)
- "Phone" (10 characters)
- "Sex" (1 choice possible out of two, male by default)
- "Hair color" (you will choose the color with the help of a color selector)
- "Date" (today's date by default, required)
- "Technology" (drop-down list of the technology in question)
- "Question" (required and no size limit – you must use an appropriate element for this kind of field, one that can contain a lot of text)

There must be a submit form button containing the text "Submit".

> Each field must be have a label and each label must be associated to its field with an HTML tag.

EXERCISE 09   2PTS

Turn in: ./ex_09/index.html, php.html, sql.html

On each page (SQL and PHP), create a progress bar for yourself (this is a specific HTML element, and you are free to grade yourself as you wish) in a fifth article.

Create a sorted list of subjects to review or that you did not understand.