

HTML Basics → Preliminary work

- Anatomy of an HTML element
- Structure of a Web Page

& Document Object Model D.O.M.

- our first approach

HTML semantic content markup

→ motivation : <http://csszengarden.com/>
! Voir Vidéo !

Question : Is it easy to code HTML ?

with respect of technical specifications
and W3C recommendations

⇒ PW N°1 ⇒ Travail Préliminaire

with a List of HTML basic elements

Sujet du TP, à réaliser pour mercredi prochain:
Réalisez un CV en HTML, sans CSS pour l'instant, en utilisant les éléments de contenu HTML suivants (voir ci-dessous), mais aucun autre.

h1, h2, ...

p, br, hr

img

a

ul, ol, li

dl, dt, dd

table, caption, tr, td, th, ... (HTML table elements)

address, abbr, time

b, i, em, strong

Trouvez ces éléments dans le premier chapitre du cours (HTML Basics, pièce jointe), et documentez-les sur MDN.

La structure initiale de votre document Web :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Document</title>
```

```
</head>
```

```
<body>
```

```
</body>
```

</html>

N'utilisez pas de CSS, div, span, nav, header, etc..... Aucun design n'est attendu !
Déposez votre travail dans notre Dropbox commune (une fois que je vous aurai invité)
Voir en pièce jointe un exemple de CV (pas de design, pas de CSS).

Auto-Evaluation : <https://forms.gle/dhDP9hfXxpmVxUBNA>

⇒ Note MECC !

+ Working Environment : Alwaysdata + ftp
VS Code + extensions
MDN Web Docs

- Bilan de l'exercice PW1 CV

Partie 2
RS HTML N1

Questions: 1) Is it easy to code in HTML ?

with respect of technical Specifications and W3C Recommendations

<https://validator.w3.org/>

{ xHTML strict
HTML5

<https://validator.w3.org/nu/>

2) How important are semantics to you ?

- Advanced HTML semantic content markups
less used, but having a strong semantic

examples {
See MDN {

- time (+datetime)
- abbr (+title)
- address
- strong

↓
useful for:
Search Engine
~ . . . ~ . .

but also

- dl, dt, dd

Readable Machine

<https://benmyers.dev/blog/on-the-dl/>

- HTML model, from ~~XHTML~~:

model (parent/child, block/inline) to

HTML5: content Model | permitted Parent
| permitted Content

+ belonging to a category

as a first approach:

<http://xhtml.ganug.com/>

- <https://w3c.github.io/html-reference/elements-by-function.html> + MDN

- question = How to use these documentations (MDN + github), these models, for a well-formed document

⇒ w3c validator

→ procedure: to understand errors resulting from HTML5 validation, also use the XHTML Hierarchical Dictionary, then, correct them.

<http://xhtml.ganug.com/>

Case Study N°1: text as a child of body
XHTML, then HTML5 validation

<https://stackoverflow.com/questions/28529390/ok-to-have-text-in-div-without-paragraph-tag>

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/body>

Case Study N°2 : list as a child of p

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/p>
<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ul>

⇒ understand errors according to the model
and be able to fix them ⇒ Valid
Document!

PW N°2 Reprendre le PW N°1, en HTML5
avec optimisation des éléments sémantiques de
contenu. Testez sur

⇒ <https://christoffel.alwaysdata.net/mathInfo/codeHTML.php>

Auto-Evaluation : <https://forms.gle/XR6vCuMzauhK2kkL6>

⇒ Note MECC !