Lab1.part1 - HTML & CSS reminders

In this programming lab, you will be completing a series of exercises that will help you structure and style web pages.

**Exercise 1: HTML**

The objective of this exercise is to create a simple web page using an HTML editor of your choice (preferably VScode)

1. Create a minimal html file called **Lab1Exo1.html**, with the title '*TRIAL*'.
2. Create 4 level-one heading (h1) containing the text of your choice.
3. Create 2 or 3 level-two heading after each level-one heading.
4. Create 1 or 2 paragraphs for each level-two heading.
5. Starting with the root element, what is the depth of the tree representing your document's DOM (Document Object Model)? Draw the DOM tree of **Lab1Exo1.html***.*
6. In your browser, open the “developer tools” tab (F12 on Chrome) or by right-clicking on an element and choosing “inspect element”:
   1. Using “DOM inspector” which allows you to explore the DOM tree, verify its conformity with the DOM obtained in **5.**
   2. The “DOM inspector” allows you to modify and delete elements of the tree. Modify / or delete elements by refreshing your page.
7. In your paragraphs, include some words or groups of words with tags: **<strong>, <i>, <b>, <em>.**

**Exercise 2: Visual elements, lists, links**

1. Create a new HTML file called **TP1Exo2.html**. Add two <h1> elements to it, the first containing “Main Content” and the second “Other Links”.
2. Add some paragraphs to the main content.
3. Using the **<img>** element:
   1. add an image between 2 paragraphs by specifying the **src** attribute that should contain an absolute or relative address to your image, and the **alt** attribute (which will be displayed if the image is not found).
   2. Use an invalid address (non-existent for example) to verify that the alternate text is displayed.
   3. Now use a valid address for the image either by specifying an image in the same folder as your HTML file or by referencing an image online (you can use http://lorempixel.com or <http://placekitten.com/>).
   4. Place the same image in the middle of a paragraph? How does the text appear?
4. Add a video element with the **src** attribute = video file address (local or online with video file address not a web page).
5. We want the video to be displayed and executed, for this, add/remove the controls and autoplay attributes (which can be = ’’) to see their effect.

Now, we will fill in the "Other Links" section of the page.

1. Create an unordered list **<ul>** at the end of the page.
2. Add 5 items **<li>** of your choice.
3. In one of the items, add a link with an **<a>** element with an **href** attribute pointing to the following link: <http://www.openstreetmap.org/>

1. Add another link to the page created in exercise 1.
2. Add another link by adding the **target="\_blank"** attribute.

What happens with this link?

1. We will now create links to specific places in the page.
   1. In the file **TP1Exo1.html**, take an **h2** element near the bottom of the page and add an **id="point1"** attribute to it.
   2. In **TP1Exo2.html**, add a link referencing TP1Exo1.html#point1.

What happens when you click on this link?

* 1. Now, add an **id="Top"** attribute to an element at the beginning of the **TP1Exo2.html** document, then add a link in your list "Go to Top" that references **#Top**.
* **Deadline:**

At the end of each Lab session (no later than Saturday, October 12 at 23:59)

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* **File's Name to be submitted:**

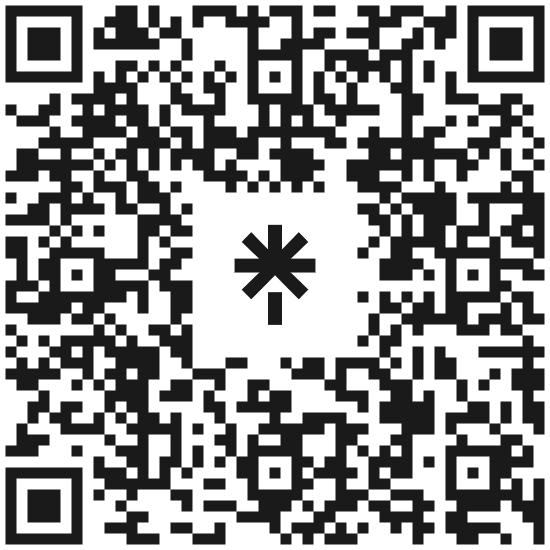
CAW\_Lab1.part1\_Gr%\_NAMEPair1\_NAMEPair2.zip

Example : "CAW\_Lab1.part1\_Gr1\_CHEKATI\_BOUZENADA.zip"

“CAW” Course materials:

Une image contenant texte, capture d’écran, Police, logo

Description générée automatiquement

[](https://linktr.ee/sticcaw)