



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.
- In your browser, open the "developer tools" tab (F12 on Chrome) or by right-clicking on an element and choosing "inspect element":
 - 6.1 Using "DOM inspector" which allows you to explore the DOM tree, verify its conformity with the DOM obtained in **5**.
 - 6.2 The "DOM inspector" allows you to modify and delete elements of the tree. Modify / or delete elements by refreshing your page.

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 element:
 - 3.1 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).
 - 3.2 Use an invalid address (non-existent for example) to verify that the alternate text is displayed.
 - 3.3 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://placekitten.com).
 - 3.4 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).
- 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
 at the end of the page.
- 2 Add 5 items of your choice.
- 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/

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- 4 Add another link to the page created in exercise 1.
- 5 Add another link by adding the target="_blank" attribute. What happens with this link?
- 6 We will now create links to specific places in the page.
 - 6.1 In the file **TP1Exo1.html**, take an **h2** element near the bottom of the page and add an **id="point1"** attribute to it.
 - 6.2 In TP1Exo2.html, add a link referencing TP1Exo1.html#point1. What happens when you click on this link?
 - 6.3 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:

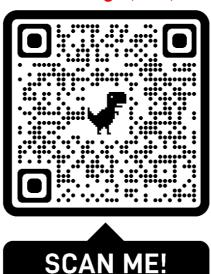
At the end of each Lab session (no later than Saturday, October 7 at 23:59) To: adil.chekati@univ-constantine2.dz

File's Name to be submitted:

CAW_Lab1.part1_Gr%_NAMEPair1_NAMEPair2.zip

Example: "CAW_Lab1.part1_Gr1_CHEKATI_BOUZENADA.zip"

Drive for Web Application Design (Conception d'App. Web)'s materials



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