

Introduction

Hypertext Markup Language (HTML) is the standard **markup language** for documents designed to be displayed in a web browser. **Web browsers** receive **HTML** documents from a **web server** or from **local storage (in your case)** and **render** the documents into multimedia web pages.

With **HTML** you can describe the **structure of a web page** and create your own!



What are the main objectives in this pill?

- Learn the **basics of programming in HTML**
- Understand what is a **markup language**
- Learn how to create a **simple web page**

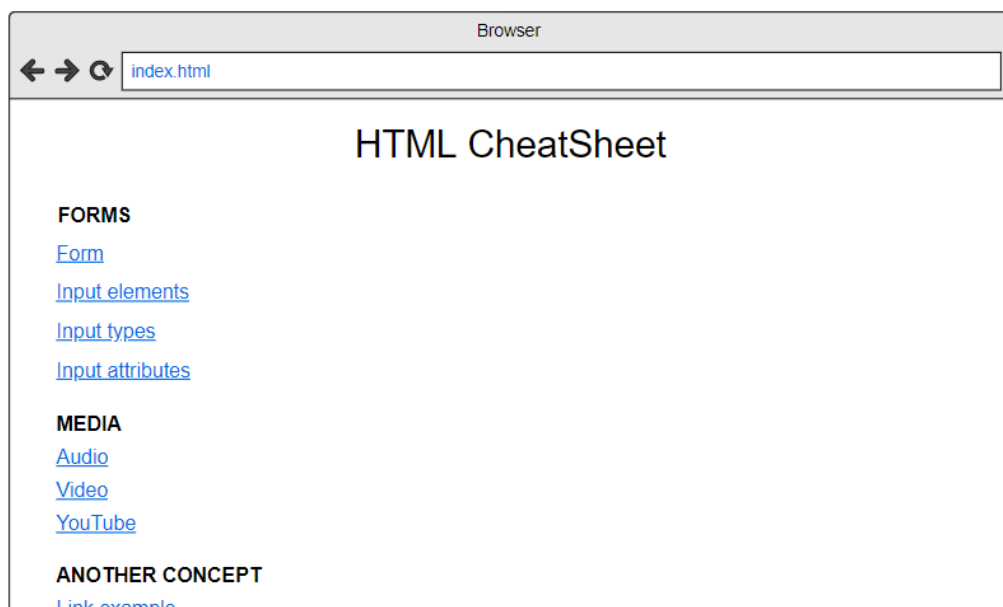
1. Create HTML Cheat Sheet

The objective of this pill is to learn the basic foundations of HTML practically.

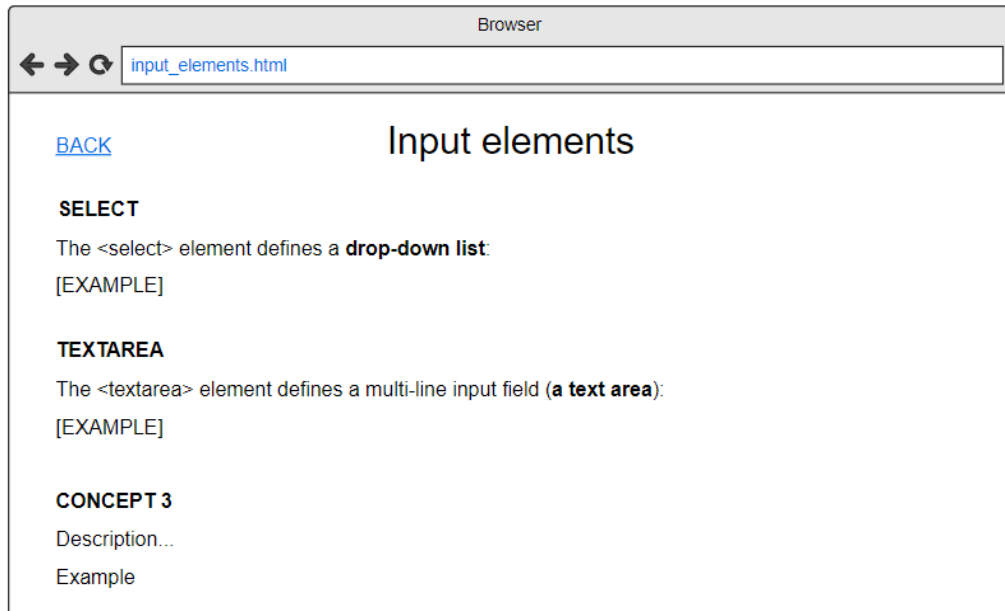
To carry out development of the pill you will have to create a **HTML Cheat Sheet** which will be structured as follows:

Main page wireframe example:

This is the homepage, this page contains all the references to all HTML examples:



This is a specific page, in this case it's about “input elements”, it will contain all the examples about this concept:



1.2.1. Concepts

The concepts that you must implement in your **HTML Cheat Sheet** are the following:

1. **HTML Introduction:**

Write an introduction of the history of HTML.

2. **Define each of the following points as described in the wireframes:**

- **Headings**
 - Show an example of each of them
- **Links**
 - One link will open the URL in the same browser tab and the other will be opened in a new browser tab
 - One link will refer to an **existing ID** of the **HTML page**
- **Images**
 - With **alt** attribute

- With a fixed height and width
 - Image as a link
- **Text**
 - Strong
 - Strikethrough
 - Italics
 - Subscript
 - Superscript
- **Containers**
 - Blockquote
 - Div
 - Area
 - Section
 - Aside
 - Paragraphs
 - Article
 - With a **header** element
 - Nav
 - Footer
 - Template
- **Button**
- **Lists**
 - Ordered
 - Unordered
- **Graphics**
 - Canvas
 - SVG
- **BR**
- **HR**
- **Table**
 - TH, TR, TD
- **Media**
 - Audio
 - Video
 - Youtube iframe

- **Forms**
 - **Form elements**
 - input
 - select
 - textarea
 - button
 - fieldset
 - datalist
 - output
 - **Input types**
 - button
 - checkbox
 - color
 - date
 - month
 - email
 - file
 - hidden
 - image
 - number
 - password
 - radio
 - range
 - reset
 - search
 - submit
 - tel
 - text
 - time
 - url
 - week
 - **Input attributes**
 - value
 - readonly
 - disabled

- size
- maxlength
- min and max
- multiple
- pattern
- placeholder
- required
- step
- autofocus
- height and width
- list
- form

2. Requirements

- You must create a main HTML file to show all the links of the HTML examples
- You must create **one HTML file for each concept** (If you are working you can only create Forms and choose another concept.)
 - Examples:
 - **form.html** (contain form example)
 - **media.html** (contain audio, video, YouTube examples)
- For **code snippets** you must use the **code**, **samp** or the **pre** tags to insert code snippets in the document.
 - **IMPORTANT:** You will have to render the **<** or the **>** using the HTML entities **<** and the **>** instead of using the **<** or the **>** symbols.

Code Example	<code>&lt;p&gt;Hello World &lt;/p&gt;</code></code>
HTML Result	<code><p>Hello World</p></code>

- You must implement a **“back”** link within the specific pages that have the examples about the concepts **to go to the main page**.
- Both **code** and the **comments** must be written in **English**
- You must store all the files that **are not HTML** in the **“assets”** folder

- You **can only use basic CSS styles to center titles or add padding to elements** to develop this pill. **You cannot use CSS for the structure of the documents.**
- It is important that all your code uses a **correct indentation**
- Validate your html code with the **W3C HTML Validator**

3. Deliverables

To evaluate the project you will need the following deliveries:

- Compressed folder (**.zip**) with the code inside

4. References

- Tag code: <https://francescricart.com/etiquetas-xmp-pre-code-html/>
- HTML <input> form Attribute:
https://www.w3schools.com/tags/att_input_form.asp