



# Section 2

## Introduction to HTML

### 11. Introduction to HTML

HTML Hyper Text Markup Language  
XML Extensible Markup Language  
GML Generalised Markup Language

share common history

↳ based off of markup that used to be put into manuscript where editors would mock up the manuscript and either specify changes to the author or specify structure and layout to the publisher.

eg. squiggly line  $\Rightarrow$  bold or italics

HTML works the same way.

MDM Mozilla Developer Network } Online Documentation Sources  
w3school.com  
devdocs.io

- `<H1>` goes up to `<H6>`
- `<br>` doesn't require closing



13. web.archive.org  
Internet Archive Wayback Machine

Popular scientists still have basic websites written just in HTML.

14. HTML Boilerplate

→ We used 'emmet' for the boilerplate shortcut

[docs.emmet.io/cheat-sheet/](https://docs.emmet.io/cheat-sheet/)

Boilerplate → similar to having a code template

Back in the days



Printing press had iron plates



function as their printing template.

And because they looked very similar to the ~~boile~~ small metal plate that identified the builder of a steam boiler, they called it 'boilerplate'.

Boilerplate shortcut:

HTML + Enter

HTML + Tab

! + Tab





→ New File Shortcut: A

→ Atom shortcuts available on GitHub.  
by user: nuwinkler

→ HTML4 had a long and difficult to learn doc-type declaration.  
HTML: 4 + Enter

→ `<head>` : part of the HTML file that holds information about the webpage and it tells the browser how it should handle the page.

→ unicode-table.com

- charset = the character set for rendering.
- Unicode is very similar to UTF-8.

• 'Mojibake' means incorrect encoding.  
eg, 124 is different in Arabic, as that in UTF-8.

If we set encoding to UTF-8, and use Arabic, 'Mojibake' will happen.

→ UTF-8 has all the incorrect symbols, even the emoji's.



→ Metadata aka associated data tells how the website is to be rendered.

It also give info. about webpage to the search engine.

→ The description attribute tells the search engine about the webpage.

It's the snippet of text that we see on the search page. Similar to 'alt'.

## 15. Text Formatting in HTML

- Beautify plugin: The Housekeeper

→ - Formatting      + Telling the browser about the text

<b>

<strong>

<i>

<em>

- Paragraph tag <p>

## 16. HTML Lists:

<ul>, <ol>, <li>, Nesting

Some of the attributes goes as,  
size = "I"      // Roman Numeral Type  
start = "7"      // Change the start





## 17. HTML Img

- ~~Go~~ to crop-circle. Imageonline.co
- `<img src = " " alt = " " >`
- Self-closing tag

## 18. HTML Links and HTML Tag

- Hypertext: A text that takes you to another address.

`<a href = " " > Text </a>`