Understanding HTML

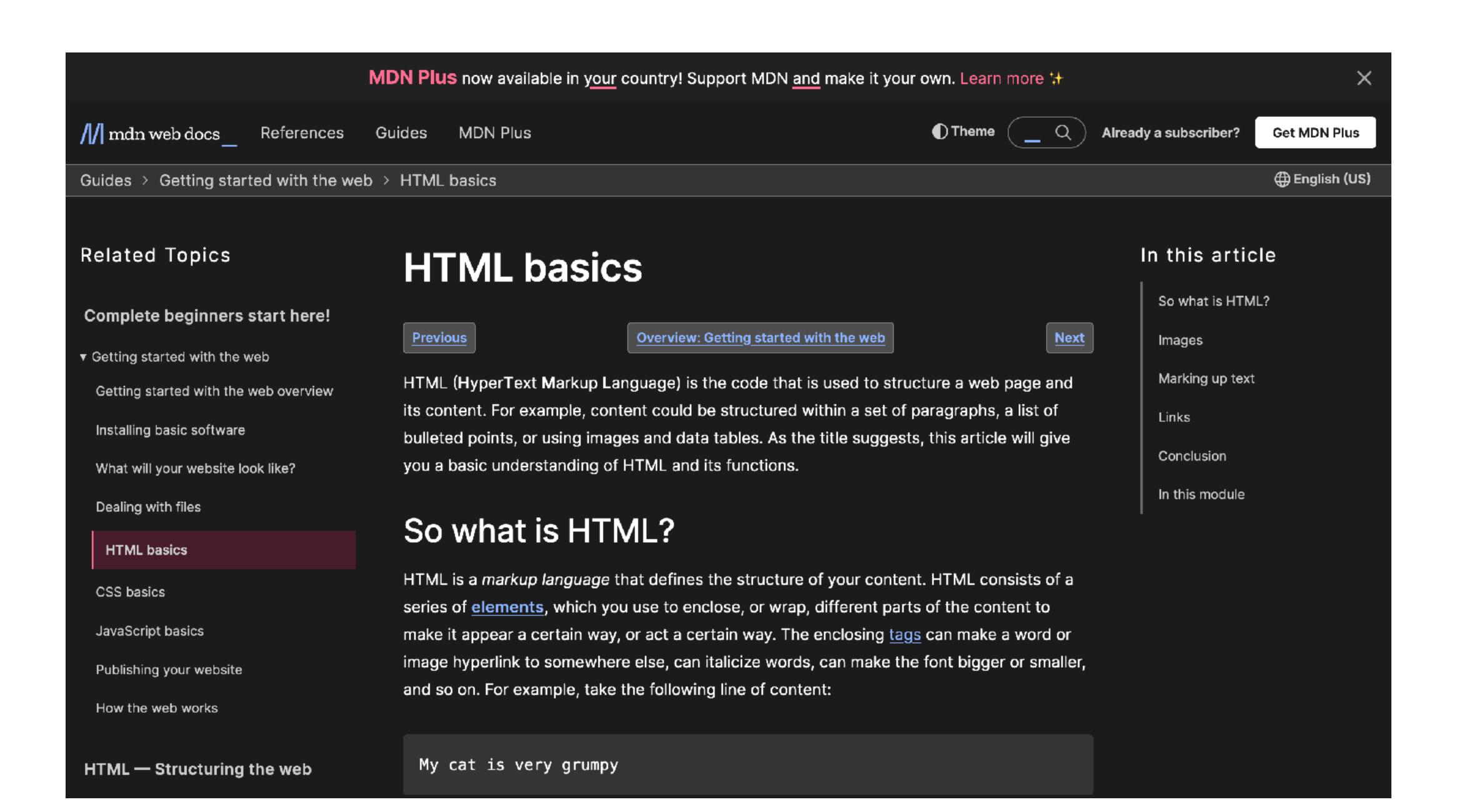
EXSM 3928: Module 3

Learning Outcomes

What is the purpose of this module?

- Describe HTML semantics, and list the benefits
- Understand HTML syntax: elements, tags, attributes
- List common HTML elements
- Examine existing HTML code blocks
- Experiment with writing HTML
- Organize code and understand nested structure
- Deconstruct a design and translate the content to HTML

Module Resources





Related Topics

Complete beginners start here!

► Getting started with the web

HTML — Structuring the web

▼ Introduction to HTML

Introduction to HTML overview

Getting started with HTML

What's in the head? Metadata in HTML

HTML text fundamentals

Creating hyperlinks

Advanced text formatting

Document and website structure

Debugging HTML

Document and website structure

Previous

Overview: Introduction to HTML

Next

In addition to defining individual parts of your page (such as "a paragraph" or "an image"), <u>HTML</u> also boasts a number of block level elements used to define areas of your website (such as "the header", "the navigation menu", "the main content column"). This article looks into how to plan a basic website structure, and write the HTML to represent this structure.

Prerequisites:	Basic HTML familiarity, as covered in <u>Getting started with HTML</u> . HTML text formatting, as covered in <u>HTML text fundamentals</u> . How hyperlinks work, as covered in <u>Creating hyperlinks</u> .
Objective:	Learn how to structure your document using semantic tags, and how to work out the structure of a simple website.

In this article

Basic sections of a document

HTML for structuring content

HTML layout elements in more detail

Planning a simple website

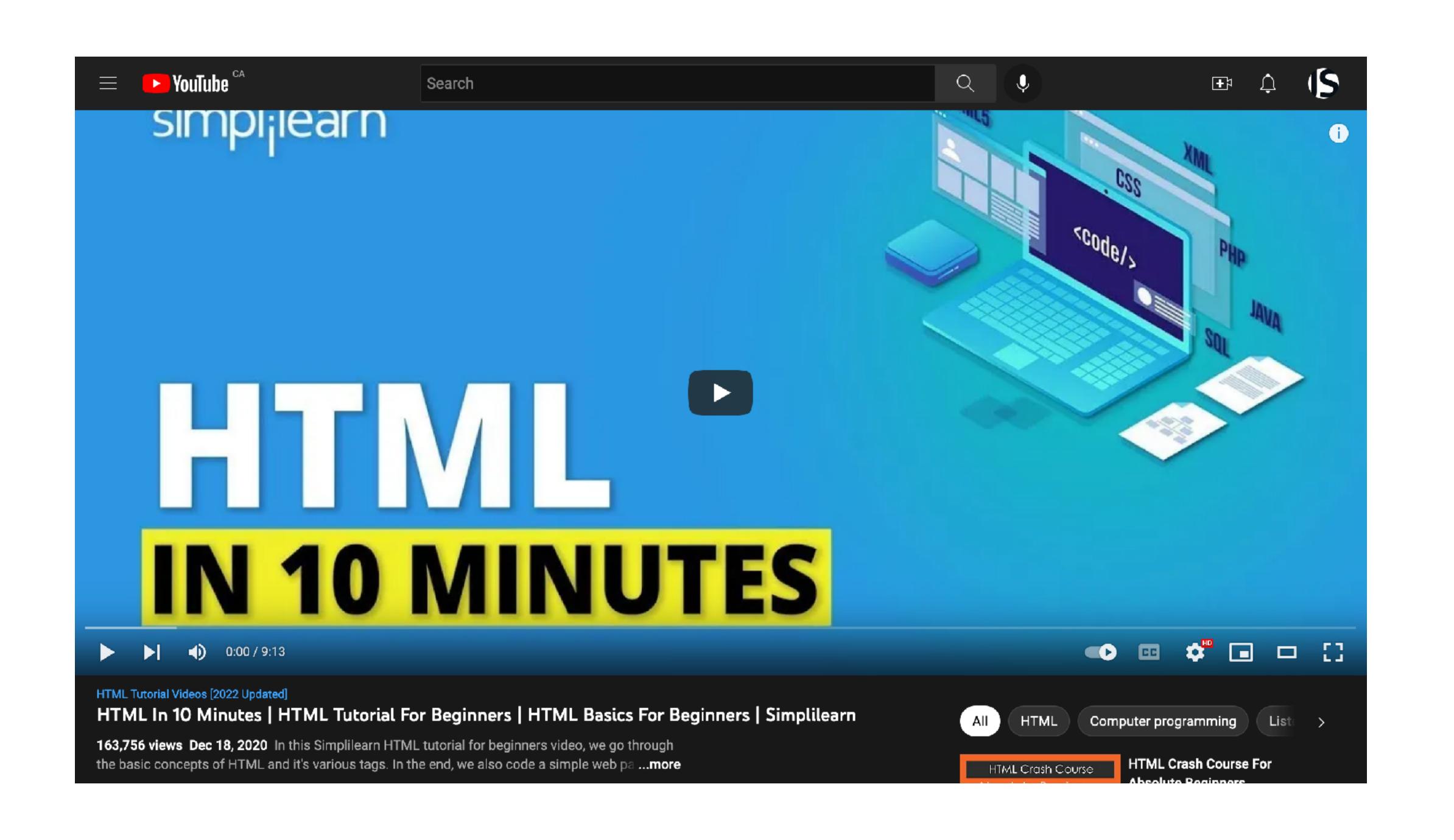
Summary

See also

In this module

Basic sections of a document

Webpages can and will look pretty different from one another, but they all tend to share



Summary

Minimum HTML for a Webpage

```
<!DOCTYPE html>
<html lang="en-US">
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width" />
    <title>My test page</title>
  </head>
  <body>
    <img src="images/firefox-icon.png" alt="My test image"</pre>
/>
  </body>
</html>
```

Common HTML Elements

- html
- head
- body
- title
- meta
- link
- script

- div
- a
- img
- span
- hx
- p
- ul
- •

Common HTML Attributes

general

- class="..."
- id="..."
- meta
 - content="..."

links

- href="..."
- images
 - src="..."
 - alt="..."

Module 3 Demonstration

Module Discussion

Do you need content before you design? Whose responsibility is creating content? Should a designer or developer be involved?

Module 3 Prompt

Module 3 Assignment

See eClass for details