HTML

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# Introduction

* In class, discuss first page of W3Schools HTML tutorial: <https://www.w3schools.com/html/html_intro.asp>
* You can see the source HTML for any webpage. In Chrome, right-click in a page and choose: View page source.
* You can see the Developer Tools in Chrome by selecting the vertical ellipses in the upper-right and then choose: More Tools, Developer Tools. Or, Ctrl+Shift+I toggles it on and off.

# Expectations

These are expectations I have of you for testing:

1. Given a description of a web page or an image of one, write the HTML required to represent that page.
2. Apply these HTML tags to build a web page: html, head, title, body, p, strong, i, table (tr, td, th, and attributes: width, rowspan, colspan), span, div, a, ul, ol, li
3. Specify a relative file path in an anchor tag for a location: (a) in the same folder as the page, (b) a subfolder, or (d) a parent folder.

# Resources

W3Schools has a [HTML tutorial](https://www.w3schools.com/html/default.asp) and the chapters are shown on the left of the web page, and copied below. You should study the highlighted items.

1. HTML HOME – Scan
2. HTML Introduction – Read carefully.
3. HTML Editors – Scan
4. HTML Basic – Read carefully
5. HTML Elements – Read carefully
6. HTML Attributes – Scan: href & title (at bottom) attributes only.
7. HTML Headings – Read carefully
8. HTML Paragraphs – Read carefully
9. HTML Styles – Scan. We study CSS in detail later.
10. HTML Formatting – Scan.
11. HTML Quotations – Omit
12. HTML Comments – Scan
13. HTML Colors - Scan
14. HTML CSS – You can scan or read carefully. We will cover this in detail later.
15. HTML Links – Read carefully. But can skip these topics towards the end: Use an Image as a Link, Link to an Email Address, Button as a Link, Link Titles
16. HTML Images – Omit
17. HTML Favicon - Omit
18. HTML Tables – (a) HTML Tables-Read carefully, (b) Borders-Scan, (c) Sizes-scan, (d) Headers-Read carefully, (e) Padding & Spacing-Scan, (f) Colspan & RowSpan-Read carefully, (g) Styling-omit, (h) Colgroup-Omit
19. HTML Lists – Read carefully. Can skip last topic: HTML Description Lists
20. HTML Block & Inline – Read carefully
21. HTML Classes – Scan the first topic only: Using the class Attribute
22. HTML Id – Scan the first topic only: Using the id Attribute
23. HTML Iframes – Omit
24. HTML JavaScript – Omit (we will cover this later)
25. HTML File Paths – Read carefully
26. HTML Head – Scan
27. HTML Layout – Omit, we will probably cover this later.
28. HTML Responsive – Omit, we will probably cover this later
29. HTML Computercode – Omit
30. HTML Semantics – Omit
31. HTML Style Guide – Omit
32. HTML Entities – Scan
33. HTML Symbols – Omit
34. HTML Emojis – Omit
35. HTML Charset – Omit
36. HTML URL Encode – Omit
37. HTML vs. XHTML – Omit

Appendix

1. N/A

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