HTML: Hyper Text Markup Language

* HTML elements with no contents are called empty elements
  + <br> - line break
  + can be closed as <br/> (XHtml)
* tags are not case sensitive
* Attributes: provide additional information about an element
* Attributes are like… name=”value”
* <html lang=”en-US”>
* first two letters specify the language. If there is a dialect, use two more letters (US).
* <p title=”I am a tooltip”> Hello</p> 🡪 value of title attribute will be displayed as a **tooltip** when you mouse over the paragraph
* <img src=” “ alt=”Hello”> 🡪 alt use for alternative text. Used when an image cannot be displayed.
* <head> is a container of metadata. Data about all HTML elements. Metadata defines document title, character set, styles, links, scripts, other metadata information
* <pre> 🡪 defines preformatted text. The text inside <pre> element is displayed in a fixed-width font, and it preserves both space and line breaks
* If you write some texts in <p> tag with spaces and line breaks it will show you in one line in browser but in <pre> tag it will show you as you write down. Ex: poem
* HTML Formatting:
  + <b> bold text
  + <strong> strong text
  + <i> italic text
  + <em> emphasized text
  + <small> small text
  + <subscript> subscripted
  + <supscript> superscripted
  + <mark> marked
  + <del> deleted
  + <ins> inserted (underlined)
    - <b> and <strong> has same result in browser but <b> indicates bold and <strong> add extra importance in text.
    - Same for <i> and <em>
* <q> element defines a short quotation.
* <blockquote cite=””> defines a section quoted from another source
* <abbr title = “ “> defines abbreviation or an acronym
* <address>

Written by John Doe.<br>

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Example.com<br>

Box 564, Disneyland<br>

USA

</address>

defines contact information (author/owner) of a document or an article.

* **<cite>** element defines the title of a work.

Browsers usually display <cite> elements in italic.

* The HTML **<bdo>** element defines bi-directional override.

The <bdo> element is used to override the current text direction:

* <bdo dir="rtl">This line will be written from right to left</bdo>