**HTML & CSS Full Course for free 🌎 – Bro Code**

1. HTML = Hyper-text Markup Language
2. Certain tags (markup) is used to tell a web browser how content should be displayed
3. Typically, tags are in pairs with content between them
   1. <h1> tags are used for headers, <p> tags are used for paragraphs, <a> tags are used for hyperlinks, etc.
4. HTML adds structure to a site
5. CSS = Cascading Style Sheets
6. Adds style to a webpage; the decoration, design, and color of the site

* *HTML basics*
  + <!DOCTYPE html> = declares as a HTML5 document
  + <html></html> = defines HTML element in a document
    - <head></head> = container for site metadata (not visible)
      * <title></title> = defines the title of a site
    - <body></body> = defines main content of document
      * <h1></h1> = declares primary heading for a site
      * <p></p> = declares a paragraph for a site
      * <br> = declares a line break for text within a site
      * <hr> = declares a horizontal rule (line dividing site content)
      * <!--This is a comment!-->
* *Hyperlinks*
  + <a></a> = declares a hyperlink (link to another site)
    - href = defines URL of site the link goes to
      * “mailto:” = used to redirect user to send an email instead of link
    - target = defines where a link should open
    - title = defines extra info about an element
* *Images*
  + <img> = embeds an image in an HTML page
    - src = defines the URL of source image
    - height = defines the height of an image in pixels
    - width = defines the width of an image in pixels
    - alt = defines alternate text for an image, if image cannot be displayed
* *Audio*
  + <audio></audio> = embeds sound content, music or other audio streams, into document
    - controls = adds audio controls; play, pause, and volume
    - autoplay = autoplays audio when page is loaded
    - muted = mute audio element by default
    - loop = loops audio element by default
  + <source></source> = defines multiple media resources for media elements
    - src = defines the URL of source audio
    - type = defines the MIME (Multipurpose Internet Mail Extension) type of the media source
* *Video*
  + <video></video> = embeds video content, movie clips or other video streams, into document
* *Favicons*
  + <link> = defines relationship between current document and external resource
    - rel = defines relationship between current document and external resource
* *Text formatting*
  + <b></b> = defines contained text as bold
  + <i></i> = defines contained text as italicized
  + <u></u> = defines contained text as underlined
  + <del></del> = defines contained text as deleted
  + <big></big> = defines contained text as big
  + <small></small> = defines contained text as small
  + <sub></sub> = defines contained text as subscripted
  + <sup></sup> = defines contained text as superscripted
  + <tt></tt> = defines contained text as monospaced
    - style = assigns a unique style to the element
* *Span & Div*
  + <span></span> = inline container to group elements for styling purposes
  + <div></div> = block container to group elements for styling purposes
* *Lists*
  + <ul></ul> = (unordered list) used to create list where order doesn’t matter
    - <li></li> = used to represent an item in a list
  + <ol></ol> = (ordered list) used to create list where order matters
  + <dl></dl> = (description list) creates a list with term/definition (key/value) pairs
    - <dt></dt> = defines a term in description list
    - <dd></dd> = defines a definition in description list