



## TOPICS COVERED IN THE HTML AND CSS ESSENTIALS EXAM

- Structure and Semantics
  - Understanding the basic structure of an HTML document.
  - Identify and utilize semantic HTML5 elements and when to use them.
- Basic Tags
  - Using tags for text formatting, such as ``p``, ``h1` - `h6``, ``strong``, ``em``, etc.
  - Implement essential tags.
- Attributes
  - Apply common attributes such as `id`, `class`, `src`, `href`, `alt`, `style`, `title`, `placeholder`, `value`, `type`, etc.
- Forms
  - Create forms using ``form``, ``input``, ``textarea``, ``select``, ``button``, etc.
  - Explain and demonstrate form submission processes (method and action attributes).
- Links and Images
  - Link to other pages or resources using ``a`` tags.
  - Embed images with ``img`` tags and handle alternative text (alt attribute).
- Tables
  - Learn to structure tabular data.
- Media
  - Embed multimedia content like audio and video (``audio``, ``video``) with fallback options.
- Selectors and Declarations
  - Identify and apply CSS selectors (element, class, ID, attribute selectors) and declaration blocks.
  - Style elements using properties like color, font-size, margin, padding, background, border, etc.



- Box Model
  - Explain the concept of the box model (content, padding, border, margin).
  - Adjust box model properties (width, height, box-sizing, etc.).
- Layout
  - Create basic layouts using CSS (floats, positioning, flexbox, grid).
  - Implement responsive design principles (media queries, fluid layouts).
- Typography
  - Style text with properties like font-family, font-size, font-weight, text-align, line-height, etc.