**HTML (Hypertext markup language)**

**1. Introduction to HTML**

* What is HTML?
* History and versions of HTML
* Basic structure of an HTML document
* HTML tags and attributes

**2. Basic HTML Tags**

* <html>, <head>, <body>
* <title>: Defining the title
* <h1> to <h6>: Headings
* <p>: Paragraph
* <br>: Line break
* <hr>: Horizontal rule
* Comments: <!-- Comment -->

**3. Formatting Text**

* <b>, <strong>: Bold text
* <i>, <em>: Italics/emphasized text
* <u>: Underline text
* <small>: Smaller text
* <mark>: Highlighted text
* <sub>, <sup>: Subscript and superscript
* <pre>: Preformatted text

**4. HTML Lists**

* Ordered list: <ol> and <li>
* Unordered list: <ul> and <li>
* Definition list: <dl>, <dt>, <dd>

**5. HTML Links**

* <a>: Creating hyperlinks
* Anchor attributes: href, target, rel, title
* Internal vs external links
* Email and phone links

**6. HTML Images**

* <img> tag
* Image attributes: src, alt, width, height
* Responsive images
* Adding favicons

**7. HTML Tables**

* <table>, <tr>, <td>
* Table headers: <th>
* Merging cells: colspan, rowspan
* Table caption: <caption>
* Styling tables

**8. Forms and Input**

* <form> tag and attributes
* Input types: <input> (text, password, email, checkbox, radio, file, etc.)
* <textarea>: Multi-line input
* <select> and <option>: Dropdown menus
* <button> and <label>
* Form validation attributes: required, pattern, min, max
* Action and method (GET vs POST)

**9. Multimedia Elements**

* Adding audio: <audio> and <source>
* Adding video: <video> and <source>
* Embedding content: <iframe>
* Supported file formats

**10. Semantic HTML**

* Introduction to semantic tags
* <header>, <nav>, <section>, <article>, <aside>, <footer>
* <main>: Main content
* <figure> and <figcaption>

**11. HTML Forms Advanced**

* Form controls: Checkbox groups, radio button groups
* Fieldsets and legends: <fieldset>, <legend>
* Form attributes: autocomplete, novalidate, action, method
* Hidden fields: <input type="hidden">

**12. HTML Graphics**

* Using the <canvas> element
* SVG basics: <svg> and shapes (<circle>, <rect>, <line>, <path>)
* Differences between <canvas> and <svg>

**13. Meta Information**

* <meta> tag
  + charset
  + name and content attributes
  + Viewport settings for mobile
  + SEO optimization using meta tags

**14. HTML5 APIs**

* Geolocation API
* Drag-and-drop
* Web storage (localStorage, sessionStorage)
* HTML5 audio and video controls
* Offline capabilities using <manifest>

**15. Accessibility**

* ARIA roles and attributes
* Using <label> for form controls
* Accessible images with alt
* Keyboard navigation

**16. HTML Best Practices**

* Proper indentation and formatting
* Validating HTML code
* Cross-browser compatibility
* Avoiding deprecated tags

**17. Advanced Topics**

* HTML with CSS integration
* Linking external JavaScript files
* Responsive design basics
* Progressive enhancement

If you need detailed explanations or code examples for any topic, feel free to ask!