HTML CSS

1. HTML Definition and Purpose
2. HTML Tags and Attributes
3. Block-Level vs Inline Elements
4. Semantic HTML Elements
5. Document Object Model (DOM)
6. HTML5 vs HTML4 Features
7. Creating Hyperlinks (`<a>` tag)
8. HTML Forms and Form Elements (`<input>`, `<textarea>`, `<button>`)
9. Embedding Multimedia Elements (`<audio>`, `<video>`, `<embed>`)
10. Data Attributes (`data-*` attributes)
11. Creating Tables (`<table>`, `<tr>`, `<td>`, `<th>`)
12. `<meta>` Tag and Its Purpose
13. `<div>` vs `<span>`
14. `<iframe>` Tag Usage
15. Including External Resources (CSS, JS)
16. `alt` Attribute in Images
17. Creating Lists (`<ul>`, `<ol>`, `<dl>`)
18. New HTML5 Form Elements (`<datalist>`, `<keygen>`, `<output>`)
19. `<canvas>` Element for Graphics
20. `<script>`, `<noscript>`, and `<template>` Tags
21. Global Attributes (`id`, `class`, `style`, `title`)
22. `<section>` vs `<div>`
23. Responsive Layouts with HTML (meta viewport)
24. `<!DOCTYPE html>` Declaration
25. Handling Broken Images (`onerror` attribute)
26. CSS Definition and Purpose
27. CSS Selectors
28. CSS Specificity and Inheritance
29. CSS Box Model
30. Differences Between Classes and IDs
31. Applying CSS (Inline, Internal, External)
32. CSS Positioning (Static, Relative, Absolute, Fixed, Sticky)
33. CSS Flexbox Layout
34. CSS Grid Layout
35. CSS Display Property
36. CSS Pseudo-classes and Pseudo-elements
37. CSS Transitions and Animations
38. CSS Media Queries for Responsive Design
39. Differences Between `display: none` and `visibility: hidden`
40. CSS `float` Property and Clearfix
41. CSS Z-index and Stacking Context
42. CSS Units (px, em, rem, %, vw, vh)
43. CSS Variables (Custom Properties)
44. CSS `box-sizing` Property
45. CSS Combinators (Descendant, Child, Adjacent Sibling, General Sibling)
46. CSS Sprites
47. Centering Elements Horizontally and Vertically
48. CSS Preprocessors (SASS, LESS)
49. Including Custom Fonts (`@font-face`, Google Fonts)
50. Handling Browser Compatibility (Vendor Prefixes, Feature Queries, Polyfills)

Front end

1. HTML Definition and Purpose
2. CSS Selectors
3. JavaScript Functions and Scope
4. Block-Level vs Inline Elements
5. CSS Specificity and Inheritance
6. Data Types and Variables
7. Semantic HTML Elements
8. CSS Box Model
9. ES6 Features (let, const, arrow functions, template literals, etc.)
10. Document Object Model (DOM)
11. Differences Between Classes and IDs
12. JavaScript Arrays and Objects
13. HTML5 vs HTML4 Features
14. Applying CSS (Inline, Internal, External)
15. DOM Manipulation with JavaScript
16. Creating Hyperlinks (`<a>` tag)
17. CSS Positioning (Static, Relative, Absolute, Fixed, Sticky)
18. Event Handling in JavaScript
19. HTML Forms and Form Elements (`<input>`,
34. `<div>` vs `<span>`
35. CSS Media Queries for Responsive Design
36. JavaScript Array Methods (map, filter, reduce, etc.)
37. `<iframe>` Tag Usage
38. Differences Between `display: none` and `visibility: hidden`
39. JavaScript Callbacks
40. Including External Resources (CSS, JS)
41. CSS `float` Property and Clearfix
42. AJAX and Fetch API
43. `alt` Attribute in Images
44. CSS Z-index and Stacking Context
45. JavaScript Event Loop and Concurrency Model
46. Creating Lists (`<ul>`, `<ol>`, `<dl>`)
47. CSS Units (px, em, rem, %, vw, vh)
48. JavaScript Local Storage and Session Storage
49. New HTML5 Form Elements (`<datalist>`, `<keygen>`, `<output>`)
50. CSS Variables (Custom Properties)
51. JSON Parsing and Stringification
52. `<canvas>` Element for Graphics
67. `<!DOCTYPE html>` Declaration
68. Including Custom Fonts (`@font-face`, Google Fonts)
69. JavaScript Date and Time
70. Handling Broken Images (`onerror` attribute)
71. Handling Browser Compatibility (Vendor Prefixes, Feature Queries, Polyfills)
72. JavaScript Math and Number Methods
73. CSS Frameworks (Bootstrap, Foundation)
74. JavaScript Definition and Purpose
75. CSS-in-JS (Styled-components, Emotion)
76. Front-End Build Tools (Webpack, Gulp, Grunt)
77. Version Control with Git
78. Package Managers (npm, Yarn)
79. Front-End Testing (Jest, Mocha, Chai)
80. Responsive Design Principles
81. Progressive Web Apps (PWAs)
82. Single Page Applications (SPAs)
83. RESTful APIs and JSON
84. GraphQL Basics
85. Web Performance Optimization
86. Cross-Browser Compatibility Issues

<textarea>, <button>)
20. CSS Flexbox Layout
21. JavaScript Promises and Async/Await
22. Embedding Multimedia Elements (<audio>, <video>, <embed>)
23. CSS Grid Layout
24. JavaScript Closures
25. Data Attributes (data-* attributes)
26. CSS Display Property
27. JavaScript Prototypes and Inheritance
28. Creating Tables (<table>, <tr>, <td>, <th>)
29. CSS Pseudo-classes and Pseudo-elements
30. Error Handling in JavaScript
31. <meta> Tag and Its Purpose
32. CSS Transitions and Animations
33. JavaScript Modules (import/export)

53. CSS box-sizing Property
54. JavaScript Regular Expressions
55. <script>, <noscript>, and <template> Tags
56. CSS Combinators (Descendant, Child, Adjacent Sibling, General Sibling)
57. JavaScript Hoisting
58. Global Attributes (id, class, style, title)
59. CSS Sprites
60. JavaScript this Keyword
61. <section> vs <div>
62. Centering Elements Horizontally and Vertically
63. JavaScript Spread and Rest Operators
64. Responsive Layouts with HTML (meta viewport)
65. CSS Preprocessors (SASS, LESS)
66. JavaScript Destructuring Assignment

87. Browser DevTools Usage
88. Accessibility Best Practices
89. Web Security Basics (CORS, XSS, CSRF)
90. SEO Basics for Developers
91. Code Versioning Best Practices
92. CI/CD Pipelines
93. Front-End Performance Testing
94. Front-End Component Libraries (React, Angular, Vue)
95. State Management in Front-End Frameworks (Redux, Vuex)
96. Web Sockets and Real-Time Communication
97. Service Workers and Web Workers
98. Client-Side Routing (React Router, Vue Router)
99. HTML Semantic Elements
100. CSS Grid vs Flexbox