

HTML Topics

1. What is the difference between `<div>` and `<section>`?
2. How does the `<meta>` tag help in SEO and responsiveness?
3. What is the purpose of the `lang` attribute in the `<html>` tag?
4. Explain the difference between `<article>` and `<aside>`.
5. What does the `download` attribute do in the `<a>` tag?
6. How is the `<fieldset>` tag used in forms?
7. What is the purpose of the `tabindex` attribute?
8. How does the `<datalist>` element work with inputs?
9. Difference between `` and ``, `<i>` and ``?
10. What is the use of `rel="noopener noreferrer"` in links?
11. How is the `<template>` tag used?
12. What is the difference between `id` and `name` attributes?
13. How do you make an input field required in HTML5?
14. What's the difference between `autocomplete="on"` and `autocomplete="off"`?
15. How do you create a multi-step form in HTML?
16. What is the use of `formnovalidate` in form submission?
17. Explain the `novalidate` attribute on a `<form>`.
18. What are semantic HTML tags? Give examples.
19. How do you embed audio or video in HTML?
20. Can a `<label>` tag be associated with multiple form elements?
21. What's the difference between `<script>` in the head vs body?
22. What does `defer` and `async` do in the `<script>` tag?
23. Explain the use of the `<mark>`, `<abbr>`, and `<time>` tags.
24. What are global attributes in HTML? Name a few.
25. What is the role of `contenteditable` in HTML?

26. What is the difference between HTML and XHTML?
27. Can a `<div>` be placed inside an `<a>` tag? Is it valid HTML5?
28. What is the purpose of the `<noscript>` tag?
29. What's the use of the `hidden` attribute?
30. How do you create an accessible form using labels and ARIA?
31. What is the default method of a `<form>` if not specified?
32. What is the purpose of the `autocomplete` attribute in forms?
33. What is the `accept` attribute used for in file inputs?
34. What are void (self-closing) elements? Name some.
35. How do you link to a specific part of the same page?
36. How do you make a checkbox pre-selected in HTML?
37. What does the `<progress>` element do?
38. What is the difference between `<pre>` and `<code>`?
39. Can an HTML page have multiple `<main>` tags?
40. What is the purpose of the `<output>` element?
41. Explain the concept of ARIA roles in HTML.
42. How do you prevent a form from submitting when pressing Enter?
43. What are the differences between ``, ``, and `<dl>`?
44. How do you make an image responsive in HTML without CSS?
45. What is the `srcset` attribute in the `` tag?
46. What is the difference between `value` and `defaultValue` in form elements?
47. How do you implement file uploads using just HTML?
48. What is the purpose of the `type="tel"` in input fields?
49. What does `accesskey` do in HTML elements?
50. Can an element have multiple data-* attributes? How do they work?

CSS Topics

1. What is the difference between `em`, `rem`, `px`, and `%` units?
2. How is the `calc()` function used in CSS?
3. What is the difference between `visibility: hidden` and `display: none`?
4. How do `min-height`, `max-height`, and `height` interact?
5. What is specificity in CSS and how is it calculated?
6. What is the difference between `relative`, `absolute`, `fixed`, and `sticky` positioning?
7. How does the `z-index` property work with positioned elements?
8. What are pseudo-elements and how do they differ from pseudo-classes?
9. How can you center a div both vertically and horizontally using CSS?
10. What is the default box model and how can it be changed?
11. Explain the use of `box-sizing: border-box`.
12. How can you apply styles conditionally in CSS without JavaScript?
13. What is the purpose of the `:not()` pseudo-class?
14. What is a media query and how do you use it?
15. How can you make an element responsive using only CSS?
16. What's the difference between `inline`, `block`, and `inline-block` elements?
17. How do you use custom properties (CSS variables)?
18. What is the stacking context in CSS?
19. What is the difference between `inherit`, `initial`, and `unset`?
20. How does the cascade in CSS work?
21. What is the difference between `nth-child(odd)` and `nth-of-type(odd)`?
22. What's the impact of using `!important` too often?
23. How do you use `clamp()` in CSS?
24. How is `position: sticky` different from `fixed`?
25. What's the difference between `hover` and `focus`?
26. What is the difference between `vw`, `vh`, `vmin`, and `vmax` units?

27. What are the default display values of common HTML elements?
28. How do inline and block-level elements behave differently with padding and margin?
29. What does `object-fit` do in CSS?
30. What are the different values of the `display` property and their purposes?
31. What are media features like `prefers-color-scheme`?
32. How can you style an input based on its state (valid, invalid, disabled)?
33. What is a transition-delay, and how is it used?
34. How can you disable selection of text via CSS?
35. What is the difference between `opacity` and `visibility`?
36. How do you make a triangle using only CSS?
37. What's the purpose of `appearance: none;` in form styling?
38. How do you create a scrollbar only when necessary?
39. What are the use cases for `overflow-x` and `overflow-y`?
40. How does `white-space: nowrap` affect layout?
41. What's the use of `pointer-events: none`?
42. What are pseudo-elements like `::selection` and how are they used?
43. What's the difference between `line-height` set in `px`, `em`, and unitless?
44. How do transitions and animations differ in CSS?
45. What is the difference between `nth-child()` and `nth-of-type()`?
46. What is a pseudo-class like `:hover`, and how is it different from a class?
47. How do you style a form placeholder?
48. How do `overflow: hidden`, `scroll`, and `auto` work?
49. What is the difference between `currentColor` and `inherit`?
50. What are keyframes and how are they used in CSS animations?