1. What is HTML and what does it stand for?

2. Explain the structure of a basic HTML document.

3. What is the purpose of the `<!DOCTYPE html>` declaration?

4. What is the difference between an element and a tag in HTML?

5. What are (self-closing) elements? Give examples.

6. What is the difference between `<div>` and `<span>`?

7. What are semantic elements? Why should we use them?

8. Name at least five semantic HTML elements and describe their purposes.

9. What is the role of the `<head>` section in an HTML page?

10. Explain the purpose of the `<meta>` tag.

11. What is the difference between `id` and `class` attributes in HTML?

12. What is the use of the `alt` attribute in the `<img>` tag?

13. How do you create hyperlinks in HTML?

14. What is the purpose of the `<form>` element?

15. List and describe three common HTML input types.

16. How does the `<label>` tag improve form accessibility?

17. What is the purpose of the `<iframe>` tag?

18. How do lists work in HTML? Name and explain two types.

19. What are global attributes in HTML? Name a few.

20. What are block-level vs. inline elements? Give examples.

21. How can you embed audio or video in an HTML document?

22. What is the difference between `<section>` and `<article>`?

23. What does the `target="_blank"` attribute do in a link?

24. What is the use of the `<button>` tag compared to `<input type="submit">`?

25. How do HTML comments work?

26. What are the advantages of using HTML5 over older versions?

27. What are data attributes in HTML (e.g., `data-user`)?

28. What is the DOM (Document Object Model) and how is it related to HTML?

29. Can an HTML document have more than one `<h1>` tag? Why or why not?

30. How do you ensure your HTML page is accessible?

1. What is CSS and what does it stand for?

2. What are the different ways to apply CSS to a webpage?

3. What is a selector in CSS? Give three examples.

4. What is the difference between an element selector and a class selector?

5. How does the `id` selector work and how is it different from a class?

6. What is the CSS Box Model? Name and describe its components.

7. What is the difference between `margin` and `padding`?

8. What is specificity in CSS and how is it calculated?

9. What is the difference between `relative`, `absolute`, and `fixed` positioning?

10. How do inline, internal, and external stylesheets differ?

11. What does `z-index` do in CSS?

12. What are pseudo-classes? Give two examples.

13. What are pseudo-elements? Give two examples.

14. What is the difference between `em`, `rem`, `%`, and `px` units?

15. What is the use of `display: flex`?

16. What is the difference between `block`, `inline`, and `inline-block`?

17. What is the difference between `visibility: hidden` and `display: none`?

18. What are media queries in CSS? Why are they important?

19. How does `float` work in CSS? What are some common issues with floats?

20. What is the use of `position: sticky`?

21. How do you center an element horizontally and vertically using Flexbox?

22. What are some common methods for creating responsive layouts in CSS?

23. What is the difference between `min-width`, `max-width`, and `width`?

24. How does the `inherit` keyword work in CSS?

25. What does the `important!` rule do in CSS?

26. How can you apply a style to multiple selectors in CSS?

27. What are transitions in CSS? Provide an example.

28. What is the difference between `:hover` and `:active` pseudo-classes?

29. How can you use CSS to hide an element without deleting it from the document?

30. What are the advantages of using external CSS files?