

Web Development Basics Quiz

1. Which of the following tags is used to define the structure of an HTML document?
 - a) <head>
 - b) <html>
 - c) <title>
 - d) <body>

2. In CSS, which property is used to change the background color of an element?
 - a) background-color
 - b) color
 - c) background
 - d) background-image

3. What does the acronym "URL" stand for?
 - a) Universal Resource Locator
 - b) Unified Resource Link
 - c) Uniform Resource Link
 - d) Unified Retrieval Link

4. Which HTML tag is used to create an unordered list?
 - a)
 - b)
 - c)
 - d) <list>

5. What is the correct syntax for adding an external JavaScript file to an HTML document?
 - a) <script src="script.js"></script>
 - b) <script>script.js</script>
 - c) <script type="text/javascript" src="script.js"></script>
 - d) <javascript src="script.js"></javascript>

6. Which CSS property is used to specify the font family for an element?
 - a) font-family
 - b) text-font
 - c) font-type
 - d) text-family

7. What does the CSS property "display: inline-block;" do?
- a) Makes the element inline but allows it to have padding and margins
 - b) Makes the element block-level but allows it to flow with surrounding content
 - c) Makes the element inline and ignores any padding and margins
 - d) Makes the element block-level and ignores any padding and margins
8. In JavaScript, which method is used to add new elements to the end of an array?
- a) push()
 - b) add()
 - c) append()
 - d) insert()
9. What is the purpose of the HTML <canvas> element?
- a) To display images
 - b) To create animations
 - c) To draw graphics dynamically
 - d) To embed videos
10. Which CSS property is used to create a drop shadow effect?
- a) shadow
 - b) box-shadow
 - c) text-shadow
 - d) drop-shadow
11. Which CSS property is used to control the spacing between lines of text?
- a) line-height
 - b) text-spacing
 - c) font-spacing
 - d) line-spacing
12. In HTML, which tag is used to create a hyperlink that opens in a new tab or window?
- a)
 - b)
 - c)
 - d)
13. What is the purpose of the CSS property "border-radius"?
- a) To specify the width of a border
 - b) To define the style of a border
 - c) To round the corners of an element
 - d) To add shadows to an element

14. Which HTTP method is idempotent, meaning it can be called multiple times without different outcomes?

- a) GET
- b) POST
- c) PUT
- d) DELETE

15. What is the purpose of the HTML <meta> tag?

- a) To define a paragraph of text
- b) To create a metadata block for the webpage
- c) To display an image
- d) To define a list of items

16. Which CSS property is used to change the size of an element relative to its parent?

- a) width
- b) height
- c) margin
- d) padding

17. What does the "href" attribute define in an HTML anchor (<a>) tag?

- a) Image source
- b) Hyperlink reference
- c) Heading reference
- d) Horizontal reference

18. Which CSS selector targets all elements of a specific type?

- a) Class selector
- b) ID selector
- c) Tag selector
- d) Attribute selector

19. What is the purpose of the HTTP status code 404?

- a) Forbidden
- b) Not Found
- c) Internal Server Error
- d) OK

20. Which JavaScript function is used to find the length of a string?
- a) count()
 - b) size()
 - c) length()
 - d) strlen()
21. What is the correct way to include an external CSS file in an HTML document?
- a) `<style src="style.css"></style>`
 - b) `<css>style.css</css>`
 - c) `<link rel="stylesheet" href="style.css">`
 - d) `<include src="style.css"></include>`
22. In HTML, which attribute is used to specify the alternate text for an image?
- a) alt
 - b) title
 - c) description
 - d) src
23. What is the purpose of the JavaScript function "parseInt()".
- a) To convert a string to a floating-point number
 - b) To convert a string to an integer
 - c) To round a number to the nearest integer
 - d) To convert a number to a string
24. Which CSS property is used to change the appearance of the mouse cursor when it hovers over an element?
- a) cursor-type
 - b) mouse-cursor
 - c) cursor
 - d) hover-cursor
25. What does the HTML `<form>` element represent?
- a) A section of a document that contains interactive controls for submitting data
 - b) A container for metadata
 - c) A block of text
 - d) A multimedia object

26. In CSS, what does the "box-sizing: border-box;" property do?
- a) Includes padding and border in the element's total width and height
 - b) Excludes padding and border from the element's total width and height
 - c) Applies a border around the element's content box
 - d) Adjusts the spacing between elements
27. Which HTML element is used to define the structure of a webpage's header?
- a) <header>
 - b) <head>
 - c) <h1>
 - d) <title>
28. What is the purpose of the JavaScript "querySelector()" method?
- a) To select the first element that matches a specified CSS selector
 - b) To select all elements that match a specified CSS selector
 - c) To modify the style of an element
 - d) To create a new element
29. Which CSS property is used to control the vertical alignment of text within an element?
- a) text-align
 - b) vertical-align
 - c) align-items
 - d) line-align
30. What does the CSS property "position: fixed;" do?
- a) Positions the element relative to its normal position in the document flow
 - b) Positions the element relative to its first positioned (not static) ancestor element
 - c) Positions the element relative to the viewport, so it stays in the same place even when the page is scrolled
 - d) Positions the element relative to the browser window