

CSS

- 1. What are the main differences between external, internal, and inline CSS?**
Inline CSS allows you to add styles to specific HTML elements. The internal CSS stylesheet allows you to include CSS code in <head> section of a markup document. External stylesheet works by linking a .css file, containing all the CSS rules, to an HTML document.
- 2. What is the syntax for class and ID selectors?**
.class
#id
- 3. How would you apply a single rule to two different selectors?**
With Grouping Selectors
- 4. Given an element that has an id of title and a class of primary, how would you use both attributes for a single rule?**
By using a Chaining selectors
- 5. What does the descendant combinator do?**
Combines two selectors such that elements matched by the second selector are selected if they have an ancestor (parent, grandparent, etc.) element matching the first selector.
- 6. Between a rule that uses one class selector and a rule that uses three type selectors, which rule has the higher specificity?**
The class selector
- 7. From inside to outside, what is the order of box-model properties?**
 - Content
 - Padding
 - Border
 - Margin
- 8. What does the box-sizing CSS property do?**
The box-sizing CSS property sets how the total width and height of an element is calculated.
- 9. What is the difference between the standard and alternative box model?**
If you are using the standard box model, the size of the border is added to the width and height of the box. If you are using the alternative box model then the size of the border makes the content box smaller as it takes up some of that available width and height.
- 10. Would you use margin or padding to create more space between 2 elements?**
You would use margin to create more space between 2 elements
- 11. Would you use margin or padding to create more space between the contents of an element and its border?**
You would use padding to create more space between the contents of an element and its border
- 12. Would you use margin or padding if you wanted two elements to overlap each other?**
You would use margin if you wanted two elements to overlap each other
- 13. What is the difference between a block element and an inline element?**
 - Block elements appear on the page stacked atop one another with each new element starting on a new line below the previous element.
 - Inline elements, unlike block elements, do not start on a new line. They appear in line with elements they are placed beside.
- 14. What is the difference between an inline element and an inline-block element?**
 - Inline elements appear in line with elements they are placed beside.

- Inline-block elements behave like inline elements, except that they have padding and margins that behave like a block element's ones.

15. Is an h1 block or inline?

An h1 is a block element

16. Is button block or inline?

A button is an inline element

17. Is div block or inline?

A div is a block element

18. Is span block or inline?

A span is an inline element

19. What's the difference between a flex container and a flex item?

A flex container is any element that has the property display: flex; on it, while a flex item is any element that's located inside the flex container.

20. How do you create a flex item?

You create a flex item by placing an element inside a flex container that has the property display: flex; on it

21. What are the 3 values defined in the shorthand flex property?

These properties affect how flex items size themselves within their container (shorthand properties are CSS properties that let you set the values of multiple other CSS properties simultaneously).

22. How do you make flex items arrange themselves vertically instead of horizontally?

By using flex-direction: column;

23. What is the difference between justify-content and align-items?

Justify-content aligns items across the main axis and align-items changes the placement of items along the cross-axis.

24. How do you use flexbox to completely center a div inside a flex container?

By putting align-items: center; onto .container.

25. What's the difference between justify-content: space-between and justify-content: space-around?

- justify-content: space-between - Items will have space between them
- justify-content: space-around - Items will have space before, between, and after them