

CSS Interview Questions and Answers

1. What is the difference between class and id in CSS?

Answer:

- class can be used on multiple elements; declared with .classname
- id is unique per element; declared with #idname

2. What is the Box Model in CSS?

Answer:

The CSS box model includes:

- Content: actual text/image
- Padding: space around content
- Border: around padding
- Margin: space outside the border

3. What are pseudo-classes in CSS?

Answer:

Pseudo-classes define the special state of an element:

Example:

```
a:hover { color: red; }
```

4. What is the difference between position: relative and position: absolute?

Answer:

- relative: moves the element relative to its normal position
- absolute: positions the element relative to the nearest positioned ancestor

5. What is specificity in CSS?

Answer:

Specificity defines which style rule is applied.

Priority (high to low):

1. Inline styles

2. IDs

3. Classes/pseudo-classes/attributes

4. Elements

6. What are media queries in CSS?

Answer:

Used to make web pages responsive:

```
@media (max-width: 600px) {  
  body { background-color: yellow; }  
}
```

7. Difference between em, rem, and px?

Answer:

- px = absolute size
- em = relative to parent's font size
- rem = relative to root font size

8. What is the use of z-index?

Answer:

Defines the stack order of elements. Higher z-index means the element appears in front.

9. What are combinators in CSS?

Answer:

Used to combine selectors:

- div p - descendant
- div > p - direct child
- div + p - immediate sibling
- div ~ p - all siblings

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

Answer:

- display: none removes the element from layout
- visibility: hidden hides the element but keeps its space