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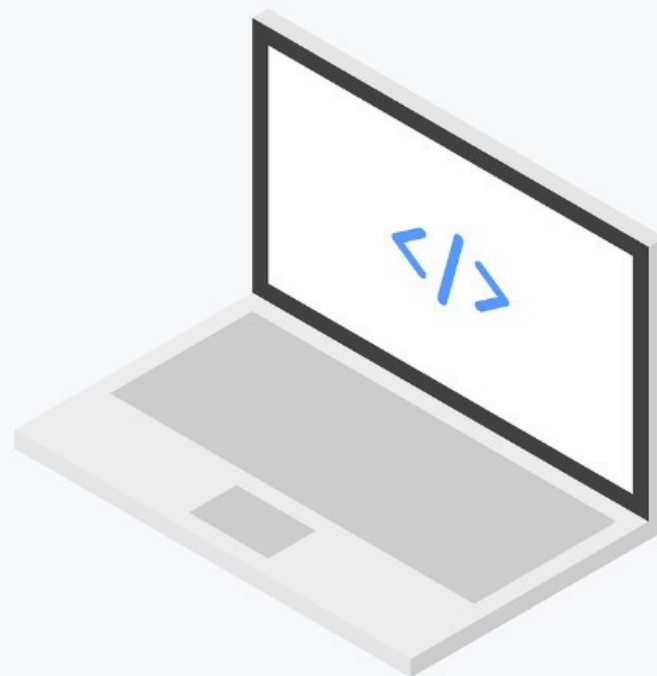## 📖 Recent Articles

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CSS Interview Questions

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Every business is trying to make websites that are user engaging. An attractive website increases the engagement time as the customer spends some time exploring it. Thus, every company is hiring developers who can make that happen. If you are a CSS aspirant is applying for the post of CSS developer, make sure you go through the smart compilation of these interview questions that can help you achieve your dream job.

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Here are some of the CSS interview questions:

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CSS interview questions

1. Differentiate Style Sheet concept from HTML?　　　　　　　　⌄

While HTML provides easy structure method, it lacks styling, unlike Style sheets. Moreover, style sheets have better browser capabilities and formatting options. CSS works better on bigger pages and as the pages grow the benefits become more and more visible. HTML is basically for smaller pages. Due to modularity, CSS has become popular it makes the process simple and webpages more presentable and is not meant for HTML alone.

2. In how many ways can a CSS be integrated as a web page?　　　⌄

CSS can be integrated in three ways:

- **Inline**: term is used when the CSS code have attribute of HTML elements

```
<p style="colour:skyblue;"> hello world!</p>
```

- **External:** separate CSS file is created in the workspace and later linking them in every web page that is created

```
<head>

  <link rel="text/css"

href="your_CSS_file_location"/>

</head>
```

- **Internal**: the head element of the web page has internal CSS implemented in it

```
<head>

  <style>

    p{

      color:lime;

      background-color:black;

      }

  </style>

</head>
```

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3. How can you integrate CSS on a web page? ⌄

CSS can be integrated in three ways:
- Inline: term is used when the CSS code have attribute of HTML elements

```
<p style="colour:skyblue;"> My Sky!</p>
```

- External: separate CSS file is created in the workspace and later linking them in every web page that is created

```
<head>

  <link rel="text/css" href="your_CSS_file_location"/>

</head>
```

- Internal: the head element of the web page has internal CSS implemented in it

```
<head>

  <style>
    p{

        color:lime;

        background-color:black;

      }
  </style>

</head>
```

4. What is CSS? ⌄

Cascading style sheets or CSS is a web designing language simple for HTML elements. The application is commonly known as XHTML. It is basically used to simplify the process and make the web page look presentable.

5. What benefits and demerits do External Style Sheets have? ⌄

The advantages of External Style sheets are:
- The style of several documents can be controlled from site by using them.
- Multiple HTML elements can have many documents, where classes can be created.
- To group styles in complex situations, selector and grouping methods are used.

Demerits of external css are as follows:

- Extra download is needed to import documents having style information.
- To render the document, the external style sheet should be loaded.
- Not practical for small style definitions.

6. What is the usage of Class selector? ⌄

A name preceded by a full stop is considered as a class selector in CSS. Selectors that are unique to a specific style, are called CLASS selectors. Declaration of style and association with HTML can be made through this. An ID identifies a single element whereas a class identifies more than one element.

Syntax for the class selector:

Classname:it can be A-Z, a-z or digits.

```
.top {font: 14em ;} //class selector
<Body class= "top"> //this class is associated with element </body>
```

7. What is CSS Box Model and what are its elements? ⌄

The CSS box defines the design and the layout of elements of CSS. The several elements are:

Margin: transparent area outside border
Border: the padding and content option with a border around it is shown.
Padding: Space is around content. Padding is transparent.
Content: box where text and images appear.
e.g.:

```
div{
        width: 300px;
        border: 25px solid  yellow;
        padding: 25px;
        margin:  25px;
}
```

8. What are the advantages of CSS? ⌄

There are a number of advantages of CSS,
- It gives lots of flexibility for setting the properties of the element
- Easy maintenance
- It allows separation of content of the HTML document from the style and layout of the content basically
- Loading of pages at a faster pace
- Compatibility with multiple device
- Increases the website's adaptability and makes it compatible to future browsers

9. Compare RGB values with Hexadecimal color codes? ⌄

A color can be specified in two ways:
- A color is represented by 6 characters i.e. hexadecimal color coding. It is a combination of numbers and letters and is preceded by #. e.g.: g {color: #00cjfi}
- A mixture of red, green and blue represents a color. The value of a color can also be specified.

e.g.: rgb(r,g,b):
In this type the values can be in between the integers 0 and 255. rgb(r%,g%,b%): red, green and blue percentage is shown.

10. What is the purpose of the z-index and how is it used? ⌄

The z-index helps specify the stack order of positioned elements that may overlap one another. The z-index default value is zero, and can take on either a positive or negative number.

An element with a higher z-index is always stacked above than a lower index.

Z-Index can take the following values:

- **Auto:** Sets the stack order equal to its parents.
- **Number:** Orders the stack order.
- **Initial:** Sets this property to its default value (0).
- **Inherit:** Inherits this property from its parent element.

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11. What are the different versions of CSS ? ⌄

Different versions of CSS are:

- CSS 1
- CSS 2
- CSS 2.1
- CSS 3
- CSS 4

12. Enlist the various Media types used? ⌄

Different media has different properties as they are case insensitive.
They are:
- Aural – for sound synthesizers and speech
- Print – gives a preview of the content when printed
- Projection- projects the CSS on projectors.
- Handheld- uses handheld devices.
- Screen- computers and laptop screens.

13. Differentiate logical tags from physical tags? ⌄

There are several pointers that make local tags different from physical tags:

Physical Tags	Local Tags
Physical tags are used to indicate how a particular character is to be formatted	logical tags are used to indicate by the visually impaired and put emphasis on the text.
Physical tags are also referred to as presentational mark-up	Logical tags are useless for appearances
Physical tags are newer versions	Logical tags are old and concentrate on content

14. Enlist the various fonts' attributes? ⌄

They are:
- Font-style
- Font-variant
- Font-weight
- Font-size/line-height
- Font-family
- Caption
- Icon

15. What are the benefits of CSS sprites? ⌄

Benefits of using CSS sprites are
- It is a technique where one has a large image containing a set of small images. Those images can be broken down with the help of CSS to disintegrate into multiple images.
- It helps large images or pages to load faster hence, saving a lot of time. It cuts back HTTP requests. It is also flexible over website's layout and design.

- The concept of CSS sprites is used to reduce the loading time for a web page because it combines the various small images into one image. It reduces the number of http requests and hence the loading time.

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Thus, the compilation of these 20 questions includes some of the major points that can be asked during an interview. The interviewers generally check the base knowledge of a candidate, which can be gained by practicing these questions prior interview.
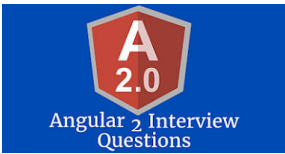
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