

Module (CSS and CSS 3) -2

1. What are the benefits of using CSS?

- Better Website Speed. For a website to function efficiently, it should have a faster load time. ...
- Easier to Maintain. CSS is easy to maintain due to less maintenance time. ...
- Consistent Design. ...
- Time-Saving. ...
- Better Device Compatibility. ...
- Positioning of Design Elements.

2. What are the disadvantages of CSS?

Disadvantages of CSS

- Confusion due to many CSS levels. Beginners are more vulnerable to this issue. ...
- Cross-Browser Issues. Different browsers work differently. ...
- Security Issues. Security is important in today's world driven by technology and data. ...
- Extra Work for Developers.

3. What is the difference between CSS2 and CSS3?

Major Differences Between CSS, CSS2 & CSS3

Unlike CSS2, which was comprised of a single document, CSS3 has its specifications divided into many individual modules, which makes CSS3 a whole lot easier to handle.

4. Name a few CSS style components.

The components of css style are:

- Selector:HTML element name, id name, class name.
- Property:It's like an attribute such as background color ,font-size, position,text-align, color, border etc.
- Values:which defines property or values allocate for properties.

5. What do you understand by CSS opacity?

The opacity CSS property sets the opacity of an element. Opacity is **the degree to which content behind an element is hidden, and is the opposite of transparency**.

6. How can the background color of an element be changed?

To add background color in HTML, **use the CSS background-color property**. Set it to the color name or code you want and place it inside a style attribute.

7. How can image repetition of the backup be controlled?

To control the repetition of an image in the background, **use the background-repeat property**. You can use no-repeat value for the background-repeat property if you do not want to repeat an image, in this case, the image will display only once.

8. What is the use of the background-position property?

The background-position property **sets the starting position of a background image**. Tip: By default, a background-image is placed at the top-left corner of an element, and repeated both vertically and horizontally.

9. Which property controls the image scroll in the background?

The **background-attachment** property sets whether a background image scrolls with the rest of the page, or is fixed.

10. Why should background and color be used as separate properties?

There are two reasons behind this: **It enhances the legibility of style sheets**. The background property is a complex property in CSS, and if it is combined with color, the complexity will further increase.

11. How to center block elements using CSS1?

To horizontally center a block element (like <div>), **use margin: auto;** Setting the width of the element will prevent it from stretching out to the edges of its container.

12. How to maintain the CSS specifications?

CSS Positioned Layout defines one of several ways in CSS to layout parts of a document. It contains properties to position an element at a fixed position relative to other positioned elements, to offset elements from their normal position, and to position them at a fixed position on a page.

13. What are the ways to integrate CSS as a web page?

1. Inline: HTML elements may have CSS applied to them via the STYLE attribute.
2. Embedded: By placing the code in a STYLE element within the HEAD element.
3. Linked/ Imported: Place the CSS in an external file and link it via a link element.

14. What is embedded style sheets?

Embedded Stylesheet: **It allows you to define styles for a particular HTML document as a whole in one place.** This is done by embedding the <style></style> tags containing the CSS properties in the head of your document.

15. What are the external style sheets?

An external style sheet is **a separate CSS file that can be accessed by creating a link within the head section of the webpage.** Multiple webpages can use the same link to access the stylesheet. The link to an external style sheet is placed within the head section of the page.

16. What are the advantages and disadvantages of using external style sheets?

The benefits of using an external style sheet are:

- everything is stored within a single file.
- once changed/updated, the changes are reflected on all other pages that reference the stylesheet.
- this makes it easier to maintain larger websites.
- pages load quicker once the main CSS file has been cached.

Disadvantages

- The additional download is expected to import documents having style information.
- To render the documents, the outer template ought to be stacked.
- Not practical for small style definitions.

17. What is the meaning of the CSS selector?

A CSS selector is the first part of a CSS Rule. It is **a pattern of elements and other terms that tell the browser which HTML elements should be selected to have the CSS property values inside the rule applied to them.**

18. What are the media types allowed by CSS?

- Continuous or paged.
- visual, audio, speech, or tactile.
- grid (for character grid devices), or bitmap.
- interactive (for devices that allow user interaction), or static (for those that do not).

19. What is the rule set?

The set of rules agreed for a contest, esp in martial arts.

20. Create Layouts.

```
<!DOCTYPE html>
<html>
<head>
<title>CSS layout</title>
<link""></link>
<style>
.header{
```

```
Background-color: reed;
Padding: 20px
text-align:center}
</style>
</head>
<body>
<div class="header"> <h1>header</h1>
</div>
</body>
</html>
```