

Module (CSS and CSS 3) -2

1 What are the benefits of using CSS?

Ans:- Using CSS (Cascading Style Sheets) offers numerous benefits for web development and design. Here are some key advantages:-

- *Separation of Content and Design
- *Easier Maintenance
- *Print-Friendly Pages
- *Browser Compatibility
- *Responsive Design

2 What are the disadvantages of CSS?

Ans:- CSS (Cascading Style Sheets) has been an essential tool for web development, but it does come with certain disadvantages. Here are a few:

- * Lack of Variables (Until CSS Variables)
- * Cross-Browser Compatibility
- * Limited Dynamic Behavior
- * Lack of Built-in Logic

3 What is the difference between CSS2 and CSS3?

Ans:- CSS2 was released in 1998 with added styles for other media types so that can it be used for page layout designing. CSS3 was released in 1999 and presentation-style properties were added in it that allows you to build a presentation from documents.

4 Name a few CSS style components.

Ans:- At its most basic level, CSS consists of two components:

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?

Ans:- 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?

Ans The first and simplest way to change the background color is by using inline CSS, which appears in the HTML code itself. To use inline CSS, find the opening tag of the element you want to target, then add the attribute style="background-color: yourcolorhere;".

7 How can image repetition of the backup be controlled?

Ans -The background-repeat property in CSS is used to repeat the background image both horizontally and vertically. It also decides whether the background image will be repeated or not.

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

Ans:- The CSS background position property allows you to position a background image at any position within an element. This property helps create attractive web designs by allowing you to control exactly where a background image is positioned.

9 Which property controls the image scroll in the background?

Ans Why background and color are the separate properties if they should always be set together? 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.

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

Ans:- 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?

Ans:- 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?

Ans:- The Specification defines how CSS properties should be implemented by browser vendors along with detailed algorithms, code samples and tabular information. The Specification also include: The syntax and data types of the language. Detailed explanation on CSS Selectors.

are some general suggestions for ways to keep your stylesheets organized and tidy.

Does your project have a coding style guide? ...

Here Keep it consistent. ...

Formatting readable CSS. ...

Comment your CSS. ...

Create logical sections in your stylesheet. ...
Avoid overly-specific selectors. ...
Break large stylesheets into multiple smaller ones.

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

Ans:- There are three primary methods to use CSS into your HTML documents: external, internal, and inline. Each method has its advantages and best-use scenarios. This guide will explore these methods in detail, helping you choose the best approach for your web development needs.

14 What is embedded style sheets?

Ans:- There are three primary methods to use CSS into your HTML documents: external, internal, and inline. Each method has its advantages and best-use scenarios. This guide will explore these methods in detail, helping you choose the best approach for your web development needs.

15 What are the external style sheets?

Ans 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?

Ans:- External style sheets, or CSS, have many advantages, including:

Reusability: A single stylesheet can be used across multiple web pages, reducing repetition and redundancy.

Performance: External CSS uses browser caching to improve loading times, especially after the first visit to a website.

Time efficiency: Global changes can be made through a single stylesheet.

Design flexibility: Responsive design tools like Flexbox and media queries can be used.

However, CSS also has some disadvantages, including:

Browser compatibility: Issues may arise that require additional effort to ensure consistency across browsers.

Complexity: CSS can be complex for beginners to learn.

Security: CSS may have potential security vulnerabilities, like XSS attacks.

Layout control: CSS may have limitations in layout control that require additional tools

17 What is the meaning of the CSS selector?

Ans:- 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?

Ans:-

CSS 2.1 defines the following media groups:

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).

all (includes all media types)

19 What is the rule set?

Ans:- A rule set is a collection of one or many rules that are executed together as a single unit against a specific set of records (either from one source or a set of conjoined sources) and generate several levels of statistics.

20 Create Layouts.

Ans:- Layout design is the process of arranging visual and textual elements on-screen or on-paper in order to grab a reader's attention and communicate information in a visually appealing way.