

Assignment-2

1) What are the benefits of using CSS?

- Faster Page Speed. More code means slower page speed. ...
- Better User Experience. CSS not only makes web pages easy on the eye, it also allows for user-friendly formatting. ...
- Quicker Development Time. ...
- Easy Formatting Changes. ...
- Compatibility Across Devices.

2) What are the 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?

- 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. With CSS3, the designers can now use special fonts, like those available in Google Fonts and Typecast.

4) Name a few CSS style components

- Selector: class name, id name or element name that is target
- Attribute: name of the attribute you want to style for example border, colour, background, position etc.
- Value of Property: value that will be assigned to attribute.

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

- To add background colour in HTML, use the CSS background-colour property. Set it to the colour name or code you want and place it inside a style attribute. Then add this style attribute to an HTML element, like a table, heading, div, or span tag.

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

- This task can be achieved by using the background-repeat property that will help us to control the repetition of the image. 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?

- The background-position property sets the starting position of a background image.

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 colour 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 colour, the complexity will further increase.

11) How to centre block elements using CSS?

- By setting the properties margin-left and margin-right to auto and width to some explicit value

12) How to maintain the CSS specifications?

- Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

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

- CSS can be added to HTML documents in 3 ways:
- Inline - by using the style attribute inside HTML elements.
- Internal - by using a <style> element in the <head> section.
- External - by using a <link> element to link to an external CSS file.

14) What is embedded style sheets?

- 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 advantages of External Style Sheets are as follows:

- With the help of External Style Sheets, the styles of numerous documents can be organized from one single file.
- In External Style Sheets, Classes can be made for use on numerous HTML element types in many forms of the site.
- In complex contexts, Methods like selector and grouping can be implemented to apply styles.

The disadvantages of External Style Sheets are as follows:

- An extra download is essential to import style information for each file.
- The execution of the file may be deferred till the external style sheet is loaded.

- While implementing style sheets, we need to test Web pages with multiple browsers in order to check compatibility issues.

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?

- A collection of rules or signatures that network traffic or system activity is compared against to determine an action to take—such as forwarding or rejecting a packet, creating an alert, or allowing a system event.