

Assignment-2

- **What are the benefits of using CSS ?** Faster Page Speed

Better User Experience

Easy Formatting Changes

Compatibility Across Devices

- **What are the disadvantages of CSS ?**

Browser Compatibility

Learning Curve

Lack of Security

Limited Layout Control

Performance Impact

Overriding Styles

- **What is the difference between CSS2 and CSS3 ?**

CSS3 has been split into different sections, called modules.

- **Name a few CSS style components**

Inline css

Selectors

Id Selector

Inline Style

Styled-components

- **What do you understand by CSS opacity ?**

CSS opacity property specifies the transparency of an element.

- **How can the background color of an element be changed ?**

Using Inline CSS

- **How can image repetition of the backup be controlled ?**

Using The Background-repeat Property

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

The CSS background position property allows you to position a background image at any position within an element.

- **Which property controls the image scroll in the background ?**

Background- attachment

- **Why should background and color be used as separate properties ?**

allows for more flexibility in styling

- **How to center block elements using CSS1 ?**

margin: auto;

● How to maintain the CSS specifications ?

The CSS specifications are maintained by the World Wide Web Consortium (W3C).

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

External CSS

internal CSS

inline CSS

● What is embedded style sheets ?

An embedded style sheet is declared within the <head> element of an XHTML document.

● 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.

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

Advantages

- one change to the style sheet will change all linked pages.
- you can create classes of styles that can then be used on many different HTML elements.
- consistent look and feel across multiple web pages.

- improved load times because the css file is downloaded once and applied to each relevant page as needed

Disadvantages

- It is not used for small quantities of style definitions.
- Our page may not function properly until the external CSS file is loaded.
- To extract styling information from the HTML page, we need to download an extra file.

● **What is the meaning of the CSS selector ?**

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.

● **What are the media types allowed by CSS ?**

All
Print
Screen
speech

● **What is the rule set ?**

A rule set is a collection of one or many rules that are executed together as a single unit against a specific set and generate several levels of statistics.