

Assignment : 3

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 flows for user-friendly formatting. quicker development time in the CSS. The CSS Easy Formatting changes. The benefits are compatibility across devices in benefits of using CSS.

2. What is the difference between CSS2 and CSS3?

→ The main difference between CSS2 and CSS3 is that CSS3 is divided into different sections which are also known as modules, unlike CSS2 and CSS3 modules are supported by many browsers.

Apart from that CSS3 contains new general sibling combinators which is responsible for matching the sibling element with the given elements.

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

→ The background - position property in CSS is mainly used sets the initial position for the background image. It is used to set an image at a certain position. The position that is relative to the positioning layer set by using the background - origin property.

4. How can image repetition of the background be controlled?

→ This task can be achieved by using the background repeat property that will help to control the repetition of the image. The background repeat property in CSS is used to repeat the background image both horizontally and vertically. Background image will be repeated or not.

Syntax :-

```
background - repeat : repeat | repeat - x |  
repeat - y | no - repeat | initial | inherit ;
```

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

→ The background attachment property in CSS is used to specify the kind of attachment of the background image with respect to its container. It can be set to scroll or make it remain fixed. It can be applied to all HTML elements.

Syntax :-

```
background - attachment : scroll | fixed | local |  
initial | inherit ;
```


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

→ It makes the style sheets more legible. background property, which is complex in itself, becomes all the more complex with color.

color is an in-built property while the background is not one. And this can lead to a lot of confusion.

7. How to center block elements using CSS?

→ To center block elements using CSS, you can use the margin property and set the values of margin and margin-right to auto. You also need to specify a width for the element.

You can also use the text-align property on the parent element and set the value to center, but you need to make the child element an inline-block.

8. What are the disadvantages of CSS?

→ There exists a scarcity of security.

After making the changes we need to confirm the compatibility if they appear.

→ The programming language world is complicated for non-developers and beginners. Different levels of CSS i.e. CSS, CSS2, CSS3 are often quite confusing.

→ There might be cross-browser issues while using CSS.

→ There are multiple levels which creates confusion for non-developers and beginners.

9. Name a few CSS style components?

→ A style rule consists of a selector component and a declaration block components. At its most basic level CSS consists of two components. the example below highlights a single property and value in CSS style. A CSS style consists of a selector and declaration block CSS syntax. CSS Selector the selector points to the HTML element you want to style.

10. What do you understand by CSS opacity?

→ The opacity property sets the opacity level for an element. the opacity level describes the transparency level, where 1 is not transparent at all 0.5 is 50% see through, and 0 is completely transparent.

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

→ The background color property sets the background color of an element.

The background of an element is the total size of the element, including, padding and border.

12. What are the external style sheets?

→ The 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.

13. What is embedded style sheets?

→ An embedded style sheet is declared within the `<head>` element of an XHTML document. It applies to the whole document, rather than just one element. Each style declaration gets applied to everything in the document that matches that style.

14. What is the style set?

→ The set of rules agreed for a contest, esp in martial arts. Collins English Dictionary.
copyright HarperCollins publishers.

15. What are the media types allowed by CSS?

→ The recognized media types are suitable for all devices and intended for speech synthesizers. The intended for braille feedback devices.

The CSS media types are used in media queries, which allow you to apply different styles depending on the output device. you to documents to be presented correctly on various types of media such as screen, print, an audio browser etc.