

## ASSIGNMENT-2

### 1. What are the benefits of using CSS?

**Ans.** CSS manages the look and feel of your website. You can use CSS to keep an eye on text color, font style, paragraph spacing, column size, layout, and more.

Below are the benefits of CSS

CSS saves time. Write CSS once and reuse the same sheet across multiple HTML pages. This will save lot of time. You can define styles for any HTML element and apply them to any number of web pages. by deducting repetition it saves lot of time in styling.

Easy to handle – For general changes, just change the style and all elements on all web pages will be updated automatically.

Universal Web Standards - HTML attributes have been deprecated in favor of CSS. Therefore, we recommend that all HTML pages start using CSS to be compatible with future browsers.

Platform Independence - Scripts provide consistent platform independence and can support modern browsers as well.

### 2. What are the disadvantages of CSS?

**Ans.**

Disadvantage of CSS are given in detail below -

- **Cross browser Issues** – Working on initial CSS changes on a website is accessible on the developer's end. However, you will have to confirm the compatibility if the CSS displays similar change effects on all the browsers. It is simple to be said that CSS works differently on different browsers.

**Be prepared to edit HTML tags** - In practice, it is often necessary to edit not only CSS files, but also HTML tags associated with CSS selectors. Sometimes it increases the time of editing and testing.

**Flexibility** - If you've worked with CSS, you probably know that it's easy to access thanks to its open text-based framework. Crashes or file mishandling can mess up the presentation and formatting of your entire website. You only need to log in / write to the website in question to reverse the changes.

### **3. What is the difference between CSS2 and CSS3?**

**Ans.**

- In CSS2, everything is present in one document while CSS3 is categorized into multiple sections which is named as modules.
- Graphics-related features like box-shadow or border-radius, flexbox, etc. can be found which are absent in case of CSS2.
- Properties like background-position, background-image, background-repeat styles or any other background activity can be helpful for using multiple background images in a webpage.
- CSS3 version claim to supports many new browsers.
- CSS3 introduces many new selectors in the form of pseudo-elements and pseudo-classes.

### **4. Name a few CSS style components?**

**Ans.**

Following are some CSS style components :

- Selector
- Property
- Value

**5. What do you understand by CSS opacity?**

**Ans.** CSS opacity is used to make an element transparent in a scale range of 0 to 1. CSS Opacity property used to describe the transparency of an element.

Let's say you're creating a website where you want the images to appear transparent. This can be successfully done using the CSS Opacity property.

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

**Ans.** We can change the background color of the element by using CSS background color property. We can change it by applying three different method of CSS.

Method shown below in detail

**By Using Inline CSS:**

Style="Background-color: red;"

**By Using Internal CSS:**

<head>

```
<style>
Background-color:red;
</style>
</head>
```

**By Using External CSS:** In this we will make various CSS file and we will import it in Main HTML file by using @import url(External stylesheet);

**.Class**

```
{
Background-color:red;
}
```

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

**Ans.** In this article, I will show you how to control duplicate background images with CSS. This can be done using the repeat background feature, which helps in controlling image repetition. Background-repeat CSS property is used to repeat more than one background image horizontally and vertically.

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

**Ans.** The background-position CSS property decides the **initial position for each background image**. The position is inter related to the position layer set by background-origin. It is set by default at top left corner of the background-origin. Background image can be changed or set at its original position by using this property

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

**Ans.** Background-attachment: scroll; is used to controls the image scroll in the background.

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

**Ans.** There are two main reason ,lets discuss it in detail

1. Style sheets are easily recognisable and readable. Background property, which is tricky in itself, becomes more tricky with color.
2. Color is an in-built property while the background is not one. It will lead to confusion if we merged this two properties.

**11. How to center block elements using CSS1?**

**Ans.** To obtain the clear values,we need to set the margin - right and margin - left properties.

**12. How to maintain the CSS specifications?**

**Ans.** We can maintain CSS specification by using CSS elements in linear pattern as selector, property, and value.

Example

```
.selector  
{  
    Property: Value;  
}
```

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

**Ans.** There are three methods to integrate CSS in the form of a web page given below:

- **Embedded:** There can be a style element inside the head element inside which we can place the code.
- **Inline:** Using attributes CSS can be applied directly to HTML elements.
- **Imported or Linked:** In the case of linked or imported CSS, it is placed in an external file and to link it, a link element is used here.

### **14. What is embedded style sheets?**

**Ans.** These are sheets where the style set for the entire HTML document is defined in one place. To do this, style sheet information under style tags must be embedded in the HTML document.

### **15. What are the external style sheets?**

**Ans.** Adding a link to an external .css file containing all the necessary rules. It'll influence all elements on a website is called external style sheet.

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

**Ans.**

Advantages and disadvantages are given below in details:-

**Advantages:**

- Along with many classes there can be various documents for multiple HTML elements.
- Using different styles, multiple documents with various styles can be manage.
- Selector and grouping ways can be used for grouping styles in complex situations.

**Disadvantages:**

- External style sheets have to be loaded for contributing document.
- It is not suitable for small style definitions.
- An additional download is required for importing documents with style information.

**17. What is the meaning of the CSS selector?**

**Ans.** CSS selectors are the first part of CSS rules. These element patterns and other expressions tell the browser which HTML elements should select CSS property values in the rules that apply to them. The element or element chosen by the voter is called the topic of the voter.

**18. What are the media types allowed by CSS?**

**Ans.** CSS permits different media types, including speech, audio, visual and tactile media, paged or continuous media, bitmap or grid media, and even interactive media.

## **19. What is the rule set?**

**Ans.** Rule sets can be used to recognise selectors attached to one another. It consists mainly in two different parts - selector and declaration.

## **20. Create layout**

**Ans.**

<https://github.com/Parth12011999/CSS/blob/4726939be12dd1904eed1b6fb51ea91bab09ecc2/Bakingood.html>