WEB-DESIGNINGss

MODULE :- 2 (CSS and CSS3)

1. What are the benefits of using CSS?

→   There are numbers of benefits of css.

    1) Faster Page Speed.

    2) Better User Experience.

    3) Quicker Devlopment Time.

    4) Easy Formatting Changes.

    5) Compatibility Across Devices.

2. What are the disadvantages of CSS?

→   There are so many disadvantages of CSS.

    1) CSS,CSS2,CSS3 results in creating of confusion among web browsers.

    2) With CSS, what works with one browser might not always work at another.

    3) The web developer need to test for compatibility, running the program across multiple browser.

    4) There exists a scarcity of security.

5) The programming language world is complicated non-developers and beginners.

6) Different levels of CSS ,

EX. CSS,CSS2 & CSS3 are often quite confusing.

7) Browser Compatibility (some style sheet are supported and some are not).

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

3. What is difference between CSS2 and CSS3?

→   The biggest difference between CSS2 and CSS3 is that CSS3 is now split into different modules. Since each module makes its way through the w3c individualluy, there's a wider range of browsers support. Make sure you test your CSS3 pages in as many browsers and operating systems as possible to ensure compatibility.

4.Name a few CSS style componets.

→   The components of css style are:

1) Selector : HTML elements name, Id name, class name.

2) Property: It's like an attribute such as background color, font-size, position, text-align, color, border etc.....

3) Values: Which defines property or values allocate for properties.

5.What do you understand by CSS opacity?

→   Opacity is the degree to which content behind an element is hidden, and is the opposite of transparency. It use to increase and decrease darkness of image.

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

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

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

→   To control the repetititon of an image in the background, use the background-repeat property.

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?

→   Background-attachment property is control the image scroll in the background.

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

→ There are two reason behind this:

1) It enhances the legibility of style sheet.

2) 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?

→ In CSS1 use of text-align property to value center is block elements.

12. How to maintain the CSS specifications?

→ 1) inline css

2) internal css

3) external css

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

→ There are three ways to integrate CSS as a web page:

1) Inline CSS
2) Internal CSS
3) External CSS

14. What is embedded style sheets?

→ Embedded stylesheet is allows you to define styles for a particular html documents as whole in one place.

15.What are the external style sheets?

→ An external style sheet is a separate CSS file that can be accessed by creating a link with in the head section of the webpage.

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

→ Advantages of external style sheet :

1) Better website speed

2) Easier to maintain

3) Consistent design

4) Better device compatibility

5) Flexible position of design elements.

Disadvantages of external style sheet :

1) Confusion to many CSS versions

2) Cross-browser issues

3) Limited security

4) Extra work for developers

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 term.

18. What are the media types allowed by CSS?

→ There are 10 media types allow by css.

1) All

2) Braille

3) Embossed

4) Handheld

5) Print

6) Projection

7) Screen

8) Speech

9) Tty

10) Tv

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.

20.Create Layouts.

```html
→        <!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CSS LAYOUT</title>
    <style>
        body{
            background-color: gray;
        }
        .main{
            display: grid;
            grid-template-columns: repeat(3,1fr);
            padding: 20px;
            text-align: center;
            grid-column-gap: 100px;
            grid-row-gap: 10px;
            color: aliceblue;
        }
        button{
            background-color: black;
            color: aliceblue;
        }
        .col1 img{
            width: 100%;
            height: 250px;
        }
        .col2 img{
            width: 100%;
            height: 250px;
        }
        .col3 img{
            width: 100%;
            height: 250px;
        }
        .col4 img{
            width: 100%;
            height: 250px;
        }
        .col5 img{
            width: 100%;
            height: 250px;
```

```html
            }
            .col6 img{
                width: 100%;
                height: 250px;
            }
        </style>
</head>
<body>
    <DIV class="main">
        <div class="col1">
            <img src="layout img/img1.jfif">
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Voluptas officia ratione
voluptatem distinctio voluptates consectetur laborum! Mollitia, deserunt eius earum temporibus voluptatum
eos ratione eveniet, labore velit sunt ducimus consectetur.</p>
            <button>View</button>
        </div>
        <div class="col2">
            <img src="layout img/img3.jfif">
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Vero ipsam culpa facilis, modi
magnam amet nostrum ad rem atque cum assumenda cumque, quas nihil, explicabo et est alias ratione
odio!</p>
            <button>View</button>
        </div>
        <div class="col3">
            <img src="layout img/img5.jfif">
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Non atque excepturi ea eveniet
dignissimos quasi nisi fugiat explicabo? Cumque, nobis accusantium. Consequuntur, quo consequatur atque
laboriosam eveniet vel excepturi id.</p>
            <button>View</button>
        </div>
        <div class="col4">
            <img src="layout img/girl.jpg">
            <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Est quae distinctio minima
doloremque natus hic sit recusandae, sunt earum. Alias sapiente ipsa culpa ipsum maiores dolore sed
obcaecati ducimus deleniti!</p>
            <button>View</button>
        </div>
        <div class="col5">
            <img src="layout img/minion.jpg">
            <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Ipsam maxime tempora repellendus
laudantium quia, vitae, optio culpa amet magnam autem officia doloribus doloremque voluptas ea sed!
Aspernatur ipsa corrupti vel.</p>
            <button>View</button>
        </div>
        <div class="col6">
            <img src="layout img/Natur.jpg">
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Rerum libero facere officiis
incidunt dolores amet, enim quis praesentium voluptas eius dicta in consequuntur nihil aliquam. Nihil
commodi quo aliquid corporis!</p>
            <button>View</button>
        </div>
    </DIV>
</body>
</html>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Voluptas officia ratione voluptatem distinctio voluptates consectetur laborum! Mollitia, deserunt eius earum temporibus voluptatum eos ratione eveniet, labore velit sunt ducimus consectetur.

View

Lorem ipsum dolor sit amet consectetur adipisicing elit. Vero ipsam culpa facilis, modi magnam amet nostrum ad rem atque cum assumenda cumque, quas nihil, explicabo et est alias ratione odio!

View

Lorem ipsum dolor sit amet consectetur adipisicing elit. Non atque excepturi ea eveniet dignissimos quasi nisi fugiat explicabo? Cumque, nobis accusantium. Consequuntur, quo consequatur atque laboriosam eveniet vel excepturi id.

View

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Est quae distinctio minima doloremque natus hic sit recusandae, sunt earum. Alias sapiente ipsa culpa ipsum maiores dolore sed obcaecati ducimus deleniti!

View

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Ipsam maxime tempora repellendus laudantium quia, vitae, optio culpa amet magnam autem officia doloribus doloremque voluptas ea sed! Aspernatur ipsa corrupti vel.

View

Lorem ipsum dolor sit amet consectetur adipisicing elit. Rerum libero facere officiis incidunt dolores amet, enim quis praesentium voluptas eius dicta in consequuntur nihil aliquam. Nihil commodi quo aliquid corporis!

View