

# FRONT-END DEVELOPMENT

## ASSIGNMENT

### Part-1: Web Designing

#### MODULE:-2(CSS and CSS 3)

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

-> There are numbers of benefits of CSS

- 1) Quicker Development time.
- 2) Estelí apply styles in web pages.
- 3) Better User Experience.
- 4) Faster Page Speed.
- 5) CSS not only makes web pages easy on the eye, it also allows for user-friendly formatting.

##### 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 the 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 Individually, there's Wide range of browser support. Make sure you test your CSS3 pages in as many browsers and operating system as possible to ensure compatibility.

### 4). Name a few CSS style components.

-> 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 property of CSS. It use to increase darkness of image.

The value of Opacity is 0 - 1.

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

-> To change background color of elements using the CSS properties **Background-color** and giving it value of a color.

EX. {background-color:red;}

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

-> The image repetition of the back is controlled with use of background property **background-repet.**

EX. {background-repet:no-repet;}

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

-> Background-position property is use to change position of the image and moving to right, centre and left in background.

### 9). Which property controls the image scroll in the background?

-> **Background-attachment** 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 centre block elements using CSS1?

-> In CSS1 use of **text-align:center** to centre block elements.

.

### 12). How to maintain the CSS specifications?

-> Use of **media-queries** to maintain CSS specification.

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

-> There are three way to integrate **CSS** in web page.

1. **External CSS**
2. **Internal CSS**
3. **Inline 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 sheet?

-> The external stylesheet is a external file attach in the head tag to provide style in web page.

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

### **-> Advantages of external style sheet**

1. Better website speed
2. Easier to maintain
3. Consistent design
4. Better device compatibility
5. Flexible positioning 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?**

-> 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?**

-> There are 10 media types allowed 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.

->

```
<!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">
  <link rel="stylesheet" type="text/css" href="creat layout.css">
  <title>creat layout</title>
  <style>
    *{
      margin: 0px;
      padding: 0px;
      box-sizing: 0px;
    }
  </style>
</head>
<body>
  <div class="s1">
    <div class="col1">
      <img alt="Placeholder image" />
      <p>Placeholder text</p>
      <a href="#">Placeholder link</a>
    </div>
  </div>
</body>
</html>
```

```

padding-left: 5px;
padding-right: 5px;
padding-top: 2px;
padding-bottom: 2px;
text-decoration: none;
color: black;
font-weight: bold;
}
.s2{
height: 45vh;
width: 100%;
display: flex;
justify-content: space-evenly;
margin-top: 20px;
}
.col2{
height: 280px;
width: 28%;
background-color: rgba(246, 255, 246, 0.5);
}
.s2 .col2 img{
height: 160px;
width: 100%;
}
.s2 .col2 p{
padding: 15px;
}
.s2 .col2 a{
border: 2px solid black;
padding-left: 5px;
padding-right: 5px;
padding-top: 2px;
padding-bottom: 2px;
text-decoration: none;
color: black;
font-weight: bold;
}
</style>
</head>
<body>
<section class="s1">
<div class="col1">

<p>Whether it's watching blue, rolling waves crash against the sandy shore or
hearing birds chirping in a green, luscious forest.</p>
<a href="" style="margin-left:15px;">view</a><a href="">Edit</a>
</div>
<div class="col1">

<p>In the world of photography, you get to share a captured moment with other
people. If you can see it, you can shoot it.</p>

```

```

        <a href="" style="margin-left:15px;">view</a><a href="">Edit</a>
    </div>
    <div class="col1">
        
        <p>a mountain may different from a plateau in having a limited summit area,
and is usually higher than a hill. The slope of the mountain is very steep.</p>
        <a href="" style="margin-left:15px;">view</a><a href="">Edit</a>
    </div>
</section>
<section class="s2">
    <div class="col2">
        
        <p>'A healthy environment helps in the growth and nourishment of all the
living species. We all know that Earth is popularly known as the 'blue planet'.</p>
        <a href="" style="margin-left:15px;">view</a><a href="">Edit</a>
    </div>
    <div class="col2">
        
        <p>"The journey of a thousand miles begins with a single step. We don't stop
hiking because we grow old, we grow old because we stop hiking".</p>
        <a href="" style="margin-left:15px;">view</a><a href="">Edit</a>
    </div>
    <div class="col2">
        
        <p>a fighter pilot is a military aviator who flies tactical aircraft,
normally jets, in order to engage in air-to-air or air-to-ground combat.</p>
        <a href="" style="margin-left:15px;">view</a><a href="">Edit</a>
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