

## *MODULE : - 2 (CSS and CSS 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 allows for user-friendly formatting. ...
- Quicker Development Time. ...
- Easy Formatting Changes. ...
- Compatibility Across Devices.

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

- Cross browser issues.
- Limited security.
- Extra work for developers.
- Unexpected behaviour.
- Confusion due to many CSS levels.

### 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 Wield 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.

- **Selector** : HTML elements name, Id name, class name.
- **Property**: It's like an attribute such as background color, font-size, position, text-align,color, border etc.....
- **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?

Use the **CSS background-color property** Set it to the color name or code you want and place it inside a style attribute. Then add this style attribute to an HTML element, like a table, heading, div, or span tag.

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

To control the repetition of an image in the background, **use the background-repeat property**. You can use **no-repeat value** for the background-repeat property if you do not want to repeat an image, in this case, the image will display only once.

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?

To set the scrolling of an image in the background, **use the background-attachment property**.

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

There are two reason behind this,

- It enhances the legibility of style sheet.
- 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: 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.

- **External CSS**
- **Internal CSS**
- **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 sheets?

The external stylesheet is a external file attach in the link tag inside of heade gad to provide style in web page.

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

### **Advantages of external style sheet**

- Better website speed
- Easier to maintain
- Consistent design
- Better device compatibility
- Flexible positioning of design elements.

### **Disadvantages of external style sheet**

- Confusion to many CSS versions

- Cross-browser issues
- Limited security
- 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.

- All
- Braille
- Embossed
- Handheld
- Print
- Projection
- Screen
- Speech
- Tty
- 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">
```

```
<title>Layout</title>
```

```
<style>
```

```
* {
```

```
    margin: 0%;
```

```
    padding: 0%;
```

```
    box-sizing: border-box;
```

```
}
```

```
.box {
```

```
    width: 100%;
```

```
    height: 750px;
```

```
    background-color: black;
```

```
    color: white;
```

```
}
```

```
.box .a {
```

```
    float: left;
```

```
    width: 20.5%;
```

```
height: 300px;  
margin-top: 50px;  
margin-left: 50px;  
text-align: center;  
box-shadow: 0 0 9px;  
background-color: rgb(39, 39, 39);  
}
```

```
.box .a a {  
text-decoration: none;  
color: white;  
box-shadow: 0 0 7px;  
}
```

```
.box .b {  
float: left;  
width: 20.5%;  
height: 300px;  
margin-top: 50px;  
margin-left: 50px;  
text-align: center;  
box-shadow: 0 0 9px;  
background-color: rgb(39, 39, 39);  
}
```

```
.box .b a {  
    text-decoration: none;  
    color: white;  
    box-shadow: 0 0 7px;  
}
```

```
.box .c {  
    float: left;  
    width: 20.5%;  
    height: 300px;  
    margin-top: 50px;  
    margin-left: 50px;  
    text-align: center;  
    box-shadow: 0 0 9px;  
    background-color: rgb(39, 39, 39);  
}
```

```
.box .c a {  
    text-decoration: none;  
    color: white;  
    box-shadow: 0 0 7px;  
}
```

```
.box .d {  
    float: left;  
    width: 20.5%;  
    height: 300px;  
    margin-top: 50px;  
    margin-left: 50px;  
    text-align: center;  
    box-shadow: 0 0 9px;  
    background-color: rgb(39, 39, 39);  
}
```

```
.box .d a {  
    text-decoration: none;  
    color: white;  
    box-shadow: 0 0 7px;  
}
```

```
.box .e {  
    float: left;  
    width: 20.5%;  
    height: 300px;  
    margin-top: 50px;  
    margin-left: 50px;  
    text-align: center;
```



```
    box-shadow: 0 0 9px;  
    background-color: rgb(39, 39, 39);  
}
```

```
.box .e a {  
    text-decoration: none;  
    color: white;  
    box-shadow: 0 0 7px;  
}
```

```
.box .f {  
    float: left;  
    width: 20.5%;  
    height: 300px;  
    margin-top: 50px;  
    margin-left: 50px;  
    text-align: center;  
    box-shadow: 0 0 9px;  
    background-color: rgb(39, 39, 39);  
}
```

```
.box .f a {  
    text-decoration: none;  
    color: white;
```

```
    box-shadow: 0 0 7px;  
}
```

```
.box .g {  
    float: left;  
    width: 20.5%;  
    height: 300px;  
    margin-top: 50px;  
    margin-left: 50px;  
    text-align: center;  
    box-shadow: 0 0 9px;  
    background-color: rgb(39, 39, 39);  
}
```

```
.box .g a {  
    text-decoration: none;  
    color: white;  
    box-shadow: 0 0 7px;  
}
```

```
.box .h {  
    float: left;  
    width: 20.5%;  
    height: 300px;
```

```
margin-top: 50px;

margin-left: 50px;

text-align: center;

box-shadow: 0 0 9px;

background-color: rgb(39, 39, 39);

}
```

```
.box .h a {

text-decoration: none;

color: white;

box-shadow: 0 0 7px;

}
```

```
</style>
```

```
</head>
```

```
<div class="box">
```

```
<div class="a">
```

```

```

```
<p>Summers in India are usually long, hot, sweaty and exhausting. But our country boasts plenty of beautiful hill stations.</p><br>
```

```
<a href="#">VIEW MORE</a>
```

```
</div>
```

```
<div class="b">
```

```

```

```
<p>Online photo editor for everyone. Fotor's photo editor lets you edit photos in just a few clicks. It covers various free.</p><br>
```

[VIEW MORE](#)

</div>

<div class="c">



<p>A lake is a body of water that is surrounded by land. There are millions of lakes in the world.</p><br>

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</div>

<div class="d">



<p>The IT department ensures that the organization's systems, networks, data and applications all connect and function.</p><br>

[VIEW MORE](#)

</div>

<div class="e">



<p>Many snake species exist in caves, but some of the most common types are known as cave racers.</p><br>

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</div>

<div class="f">



<p>A person who creates art (such as painting, sculpture, music, or writing) using conscious skill and creative.</p><br>

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</div>

```
<div class="g">
```

```
  
```

```
  <p>Though some beaches form on inland freshwater locations such as lakes and rivers,  
most beaches are in coastal areas.</p><br>
```

```
  <a href="#">VIEW MORE</a>
```

```
</div>
```

```
<div class="h">
```

```
  
```

```
  <p>A riverfront is a region along a river. Often in larger cities that are traversed or bordered  
by one or more rivers.</p><br>
```

```
  <a href="#">VIEW MORE</a>
```

```
</div>
```

```
</div>
```

```
<body>
```

```
</body>
```

```
</html>
```



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