CSS

Links and Lists

Agenda

1 | **Links and Lists**

Links and Lists

Objectives

In this module, you will

- Learn how to style a link

- Set List Item markers

CSS Links

- You can use CSS styles to style any link.
- Links can be styled in different ways by using any CSS property like color, font-family etc.

- Links can be in one of the following states :

  - **a: link** – Unvisited link
  - **a: visited** – A link that the user has visited
  - **a: hover** – A link over which the mouse pointer is moving
  - **a: active** – A link, which has been just clicked

- Links can be styled according to their states.

Demo 1 : CSS Links

```
<html>
<head>
<style>
a:link {color:yellow;}
a:visited {color:blue;}
a:hover {color:red;}
a:active {color:green;}
</style>
</head>
<body>
<p>
<a href="css16.html">Click here to open the html document css16</a>
</p>
</body>
</html>
```

Demo 2 : CSS Links

You can use text-decoration property for links.

```
<html><head>
<style>
a:link {text-decoration:none;}
a:visited {text-decoration:none;}
a:hover {text-decoration:underline;color:blue;}
a:active {color:red}
</style>
</head>
<body>
<p>
<a href="css16.html">Click here to open the html document css16</a>
</p>
</body></html>
```

Demo 3 : CSS Links

You can also use background-color property for links.

```
<html><head>
<style>
a:link {background-color:blue;}
a:visited {background-color:yellow;}
a:hover {background-color:cyan;}
a:active {background-color:red;}
</style>
</head>
<body>
<p><a href="css16.html">Click here to open the html document css16</a>
  </p>
</body></html>
```

Quiz

1. To remove underline from a hyperlink, you will have to use the following css syntax :
    a) a:link{text-decoration:no-underline;}
    b) a:link{text-underline:none;}
    c) a:link{text-decoration:none;}
    d) a:hyperlink(text:no-underline;}

2. To set the color of the text for a hyperlink, when the mouse pointer moves over it, we have to use :
    a) a:hover {background-color:cyan;}
    b) a:mouseover {background-color:cyan;}
    c) a:mousehover {background-color:cyan;}
    d) a:hover {color-cyan;}

CSS List

You can use CSS list properties for

➢ Setting different list item markers for ordered lists

➢ Setting different list item markers for unordered lists

➢ Set an image as the list item marker

You can use the following properties to set item markers :

❖ list-style-type

❖ list-style-image

Demo : Different List Item markers for Unordered Lists

```
<html><head><style>

ul.a {list-style-type:circle;}

ul.b {list-style-type:square;}

p{text-decoration:underline;}

</style></head><body>

<h1>Courses offered :</h1>

<p> Category A </p>

<ul class="a">

   <li>Java</li>

   <li>C++</li>

   <li>SQL</li> </ul>

<p> Category B </p>

<ul class="b">

   <li>Struts</li>

   <li>Hibernate</li>

   <li>Spring</li></ul>

</body></html>
```

Output :

Courses offered :

Category A

- o Java
- o C++
- o SQL

Category B

- ▪ Struts
- ▪ Hibernate
- ▪ Spring

Demo : Different List Item markers for Ordered Lists

```
<html><head><style>
ol.a {list-style-type:upper-roman;}
ol.b {list-style-type:lower-alpha;}
p{text-decoration:underline;}
</style></head><body>
<h1>Courses Offered :</h1>
<p>Category A</p>
<ol class="a">
   <li>Java</li>
   <li>C++</li>
   <li>SQL</li></ol>
<p>Category B</p>
<ol class="b">
   <li>Struts</li>
   <li>Hibernate</li>
   <li>Spring</li></ol>
</body></html>
```

Output :

Courses Offered :

Category A

   I.   Java
  II.   C++
 III. SQL

Category B

  a.   Struts
  b.   Hibernate
  c.   Spring

Demo : Image as list Item Marker

You can also specify an image as the list item marker.

```
<html><head><style>
ul {list-style-image:url('animal1.bmp');}
p {text-decoration:underline;}
</style></head><body>
<h1>Animals :</h1>
<p> Domestic </p>
<ul>
   <li>Dog</li>
   <li>Cat</li>
   <li>Cow</li></ul>
<p> Wild </p>
<ul>
   <li>Tiger</li>
   <li>Lion</li>
   <li>Leopard</li></ul>
</body></html>
```

Output :

Animals :

Domestic

- Dog
- Cat
- Cow

Wild

- Tiger
- Lion
- Leopard

Quiz

1. State whether the following statement is TRUE or FALSE

   Using CSS, you can set an image as a list item marker

2. To set an ordered list with the type of list item marker as Upper Case Roman Letter, we have to define the style as follows :

   a) ol.a{list-type:upper-roman;}

   b) ol.a{list-type:UPPER_ROMAN;}

   c) ol.a{list-style-type:roman_upper;}

   d) ol.a {list-style-type:upper-roman;}

Summary

In this module, you were able to :

- Learn how to style a link

- Set List Item markers

Thank You