Multimedia

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Multimedia in HTML  
                ================  
- Embed audio and video content in page.  
- Embed animation to page.  
  
1. Marquee : It is used for displaying scrolling and sliding  
            content on page.  
  
            <marquee>  
               your content  
           </marquee>  
  
Attributes  
        - scrollamount        : It controls the speed  
                          1 to 100  
        - direction                : It controls scrolling direction  
                          left, right, up, down.  
         
        - behavior                : It sets sliding alternate.  
  
        - loop                : It specifies the number of times  
                          to loop marquee.  
        - width                : Content width  
        - height                : Content height  
        - bgcolor                : Background color  
  
  
Syntax:  
 <marquee behavior="alternate">  
 <marquee direction="right">  
  
Note: You can use only direction or behavior for marquee.  
          Both are not allowed. Only one can be defined.  
  
Ex:  
<!DOCTYPE html>  
<html>  
    <head>  
        <title>Marquee</title>  
        <style>  
            body {  
                display: flex;  
            }  
        </style>  
    </head>  
    <body>  
      <div>  
        <marquee scrollamount="25" bgcolor="yellow">  
            <h1> Special Offers - 50% Sale on Mobiles <img src="../public/images/mobile1.jpeg" width="50" height="50"> - Ends in 2 days.</h1>  
         </marquee>  
      </div>  
      <div>  
          <marquee bgcolor="yellow" onmouseover="this.stop()" onmouseout="this.start()" scrollamount="25" direction="right">  
              <img src="../public/images/neckband.PNG" width="100" height="90">  
              <img src="../public/images/shoe.jpg" width="100" height="90">  
              <img src="../public/images/shoe1.jpg" width="100" height="90">  
              <img src="../public/images/backpack.jpg" width="100" height="90">  
          </marquee>  
      </div>  
    </body>  
</html>  
  
2. Video and Audio  
   
  <video>                 It is used to embed video files  
                [.mp4, .mkv, .mov, .flv, .ogg, .avi]  
  
  <audio>                It is used to embed audio files  
                [.mp3, .wav, .midi ]  
  
 Syntax:  
    <video  src=""  poster=""  controls> </video>  
    <audio  src=""  poster=""  controls> </audio>  
  
Ex:  
<!DOCTYPE html>  
<html>  
    <head>  
        <title>Marquee</title>  
        <style>  
            body {  
                display: flex;  
            }  
        </style>  
    </head>  
    <body>  
       <h2>Videos</h2>  
       <video poster="../public/images/banner.jpg" src="../public/docs/angular.mkv" width="400" height="400" controls>  
  
       </video>  
       
    </body>  
</html>  
  
                   Styles in HTML  
                   ============  
  
- Styles are additional attributes used to make HTML more interactive and responsive.  
  
- Styles provide a  CSSOM to make elements effective.  
   [Cascade Style Sheet Object Model]  
  
- Styles can be defined in 3 ways  
  
        1. Inline Styles  
        2. Embedded Styles  
        3. External Style Sheet  
  
  
Inline Styles:  
- Styles are defined for every element individually by using  
   "style" attribute.  
- It is faster in rendering  
- It difficult to re-use.  
  
Syntax:  
 <h2 style="attribute:value"> </h2>  
  
Embedded Styles:  
- Styles are defined in head or body section by using  
   <style> tag.  
- You can re-use the styles.  
  
Syntax:  
 <style>  
   h2 {  
    }  
 </style>