Styles

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Styles  
1. Inline Styles  
2. Embeded Styles  
3. External Style Sheet  
  
Inline Styles:  
- Styles are defined for every element using "style" attribute  
        <div  style="attribute:value"> </div>  
- Faster in rendering  
- Can't reuse the styles.  
  
Embedded Style:  
- Styles are defined by using <style> in head or body  
- You can reuse but slow in rendering.  
  
Syntax:  
<head>  
   <style>  
         
   </style>  
</head>  
  
FAQ: What is difference between styles in <head> or <body>?  
- Styles in head section are intended to load into browser memory first, from there you can apply to elements.  
  
- Styles in body section are intended to load and apply to elements directly.  
  
FAQ: Can we defines styles in both sections?  
Ans: Yes.  
  
Note: You can keep styles outside HTML.  
  
  
FAQ: What is the MIME type for Styles?  
Ans:   text/css  
  
Syntax:  
        <style  type="text/css"> </style>  
  
FAQ: What is the media type for styles?  
Ans : screen, print, speech  
  
syntax:  
        <style type="text/css" media="print">  
        </style>  
  
Ex:  
<!DOCTYPE html>  
<html>  
    <head>  
        <title>Marquee</title>  
        <style type="text/css" media="screen">  
          h1  {  
            background-color: green;  
            color:white;  
            text-align: center;  
          }  
          aside {  
            width: 100px;  
            height: 50px;  
            border:2px dotted red;  
            padding: 5px;  
          }  
        </style>  
        <style type="text/css" media="print">  
          h1 {  
            background-color: black;  
            color:white;    
            text-align: left;  
          }  
          aside {  
            display: none;  
          }  
        </style>  
    </head>  
    <body>  
      <aside>  
        Ads..  
      </aside>  
      <h1>HTML</h1>  
      <h1>CSS</h1>  
      <h1>JavaScript</h1>  
    </body>  
</html>  
  
- You can't access embedded styles from another page.  
  
3. External Style Sheets  
    [Cascading Style Sheets]  
- Styles are maintained in a separate stylesheet.  
- Clean separation of markup and styles.  
- Reusability across page.  
- Using an external style sheet will increase the number of requests for page.  
- If number of requests for page increases then page load time will increase.  
  
Ex:  
1. Create a new style sheet  
        "effects.css"  
     h1 {  
    background-color: tomato;  
    color:white;  
    text-align: center;  
}  
  
2. Link the style sheet to any page  
  
<link rel="stylesheet" href="../src/styles/effects.css" type="text/css">  
  
  
FAQ: What is Minification?  
Ans: It is a technique used to reduce the file size.  
        It is not ZIP or RAR file.  
  
        effects.css        Development  
        effects.min.css        Production  
  
Ex:  
 1. visit  "www.cssminifier.com&quot;  
  
 2. paste your actual css code  
  
 3. click "minify" button  
   
 4. copy minified code  
  
 5. add a new file into project  
        "effects.min.css"  
  
 6. link minified file to your page.  
  
FAQ: Can we edit minified files directly?  
Ans: Yes. But you should not distrub the minfied logic.  
  
  
  
Rules: