

Module-2 (CSS/CSS3)

1. What are the benefits of using CSS?

- Can add designs in webpages.
- Can make webpages responsive.

2. What are the disadvantages of CSS?

- Different browsers can make issues.

3. What is the difference between CSS2 and CSS3?

- In CSS3 special fonts from google fonts can be used. In CSS2 only web safe fonts are used.
- In CSS3 border design options are more than CSS2.
- In CSS3 pseudo-elements are targeted by ‘ :: ‘ double colons.

4. Name a few CSS style components.

- Selector
- Property
- Values

5. What do you understand by CSS opacity?

- Opacity property is used add transparency to images.

6. How can the background colour of an element be changed?

- By using `background-color: value of color; .`

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

- by using the `background-repeat property:none;.`

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

- By using background-position property we can set the starting position of background image.

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

- By using background attachment property we can control image scroll.

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

- In background property there are different values like (url , color) are used for specially target background.
- But the color property is used for give font color.

11. How to center block elements using CSS1?
 - By setting left & right margin to auto.
12. How to maintain the CSS specifications?
 - The CSS specifications are maintained by the World Wide Web Consortium (W3C).
13. What are the ways to integrate CSS as a web page?
 - Inline: HTML elements may have CSS applied to them via the STYLE attribute.
 - Internal: By placing the code in a STYLE element within the HEAD element.
 - External: Place the CSS in an external file and link it via a link element.
14. What is embedded style sheets?
 - It allows you to define styles for a particular HTML document as a whole in one place.
 - This is done by embedding the <style></style> tags containing the CSS properties in the head of your document.
15. What are the external style sheets?
 - External style sheet is made with .css extension and put css code in file and link this file in html head tag by using link:css.
16. What are the advantages and disadvantages of using external style sheets?
 - Advantages:
 - By changing in one file can make change in all linked files.
 - Easy to maintain code.
 - Can create classes which can directly apply where we want.
 - Disadvantages:
 - Extra file which has style documents need to be downloaded.
 - To render the document, the external style sheet should be loaded.
 - Not practical for small documents.
17. What are the media types allowed by CSS?
 - By width of devices.
18. What is the rule set?
 - In CSS, a declaration is the key-value pair of a CSS property and its value. CSS declarations are used to set style properties and construct rules to apply to individual or groups of elements. The property name and value are separated by a colon, and the entire declaration must be terminated by a semi-colon.

19. Create Layouts

The image shows a web development environment with a code editor and a file explorer. The code editor displays the HTML structure of a restaurant website. The file explorer on the left shows the project files, including CSS files and images. The code includes a DOCTYPE declaration, a head section with meta tags for charset, viewport, and X-UA-Compatible, and a title 'Luscious a Restaurant Category'. It also includes link tags for stylesheets: 'https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.2.0/css/all.min.css', 'css/style.css', 'css/media576.css', 'css/media768.css', and 'css/media992.css'. The body section contains a header, a history section, a his-gal section, a services section, a chef section, a specialmenu section, a sp-services section, a gallery section, a booking section, a com-sec section, and a footer.

The screenshot shows a Visual Studio Code editor with a web template exercise open. The Explorer sidebar on the left lists the following files: index.html, media768.css, media992.css, style.css, media576.css, banner1.jpg, banner2.jpg, and images. The main editor displays the HTML code for index.html, which includes a header with a link to the CSS file, a body with a header, content area (left and right), a navbar, mid-text, and a history section. The code is partially obscured by a dark blue selection bar.

```

15 <link rel="stylesheet" href="css/media992.css">
16 </head>
17
18 <body>
19   <header>
20     <div class="back-img">
21       <div class="content">
22         <div class="left">
23           <span class="fa-solid fa-location-dot"></span>
24           <p>Parma Via Modena,80, Italy</p>
25
26           <span class="fa-regular fa-envelope"></span>
27           <p>info@example.com </p>
28         </div>
29         <div class="right">
30           <span class="fa-brands fa-facebook-f"></span>
31           <span class="fa-brands fa-google-plus-g"></span>
32           <span class="fa-brands fa-twitter"></span>
33           <span class="fa-brands fa-instagram"></span>
34           <button><span class="fa-solid fa-magnifying-glass"></span></button>
35         </div>
36       </div>
37     <div class="navbar"> ...
38   </div>
39   <div class="mid-text">
40     <div class="img-text">
41       <h1>Come hungry. <span>&nbsp;Leave&nbsp;</span> happy.</h1>
42       <p>Small change,Big differences.</p>
43     </div>
44     <div class="btn">
45       <button>Read More <span class="fa-solid fa-caret-right"></span></button>
46       <button>Contact Us <span class="fa-solid fa-caret-right"></span></button>
47     </div>
48   </div>
49 </body>
50 </html>
51
52 <div class="history" id="history"> ...
53 </div>
54
55 <div class="his-gal"> ...

```

```
File Edit Selection View Go Run Terminal Help index.html - Web template exercise - Visual Studio Code

EXPLORER
index.html X # media768.css # media992.css # style.css # media576.css
OPEN EDITORS
index.html X
index.html 19 > <header>...
# media768.css 70 </header>
# media992.css 71 <div class="history" id="history">
# style.css 72 <div class="text-left">
# media576.css 73 <h1>OUR INTERESTING HISTORY</h1>
74 </div>
75 <div class="text-right">
76 <p>Etiam faucibus viverra libero vel efficitur. Ut semper nisl ut laoreet ultrices. Maecenas dictum arcu
77 purus,
78 sit amet volutpat purus viverra sit amet. Quisque lacinia quam sed tortor interdum, malesuada congue
79 nunc
80 ornare. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. In semper
81 lorem eget tortor pulvinar ultricies.</p>
82 <p>Etiam faucibus viverra libero vel efficitur. Ut semper nisl ut laoreet ultrices. Maecenas dictum arcu
83 purus,
84 sit amet volutpat purus viverra sit amet. Quisque lacinia quam sed tortor interdum, malesuada congue
85 nunc
86 ornare. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. In semper
87 lorem eget tortor pulvinar ultricies.</p>
88 </div>
89 </div>
90 <div class="his-gal">
91 <button> <span class="fa-solid fa-angle-left"></span></button>
92 
93 
94 
95 
96 <button> <span class="fa-solid fa-angle-right"></span></button>
97 </div>
98 <div class="services" id="services">
99 <div class="ser-head">
100 <h1>OUR SERVICES</h1>
101 <p>Lorem ipsum dolor sit amet, vehicula vel sapien et</p>
102 </div>
103 <div class="ser-details">
104 <div class="detail1">
105 <span class="fa-solid fa-spoon"></span>
106 <h3>Fresh Products</h3>
107 <p>Duis sit amet posuere justo, sit amet finibus urna. Aenean elementum diam nec laoreet sodales.</p>
```

```
File Edit Selection View Go Run Terminal Help index.html - Web template exercise - Visual Studio Code

EXPLORER
index.html X # media768.css # media992.css # style.css # media576.css
OPEN EDITORS
index.html X
index.html 98 > <div class="services" id="services">...
# media768.css 135 </div>
# media992.css 136 <div class="chef">
# style.css 137 <div class="chef-img">
# media576.css 138 
139 </div>
140 <div class="chef-text">
141 <h1>For Good Taste</h1>
142 <p>Nulla sodales efficitur consequat. Maecenas mi diam, imperdiet consectetur ultricies nec, convallis sit
143 amet turpis. Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
144 <button>Learn More</button>
145 </div>
146 </div>
147 <div class="specialmenu" id="sp">
148 <h1>SPECIAL MENU</h1>
149 <div class="head">
150 <button>BREAKFAST</button>
151 <button>LUNCH</button>
152 <button>TODAY SPECIALS</button>
153 <button>DRINKS</button>
154 </div>
155 <div class="sp-items">
156 <div class="item1">
157 
158 <div class="img-spec">
159 <h2>LOREM IPSUM DOLOR.....</h2>
160 <p>taque Earum Rerum Hic Tenetur</p>
161 </div>
162 <div class="price">$ 50</div>
163 </div>
164 <div class="item1">
165 
166 <div class="img-spec">
167 <h2>LOREM IPSUM DOLOR.....</h2>
168 <p>taque Earum Rerum Hic Tenetur</p>
169 </div>
170 <div class="price">$ 30</div>
171 </div>
172 <div class="item1">
173 
```



