

← "zettigen" = saliv "timidus" = egypt  $\tau$   $\text{tunis}$   
 $\tau$   $\text{mcd}$

$\tau$   $\text{vib}$

$\tau$   $\text{fle}$

$\tau$   $\text{lmp}$

IMTH spiro mit nichttipper -: this  
betonten in atypic mrof  
philipp 2233318

↓  
Exo 12/2011

## Practical - 4

- Aim :- Create any website layout using CSS.
  - Background color
  - Text Color
  - Implement all the information in table layout.
- Theory :- HTML layouts provide a way to arrange web pages in well-mannered, well-structured, and in responsive form or we can say that HTML layout specifies a way in which the web pages can be arranged. Web-page layout works with arrangement of visual elements of an HTML document.

Web page layout is the most important part to keep in mind while creating a website so that our website can appear professional with the great look. You can also use CSS and JAVASCRIPT based frameworks for creating layouts for responsive and dynamic website designing.

Following are different HTML5 elements which are used to define the different parts of a webpage.

- <header> :- It is used to define a header for a document or a section

+ - location

es. & PI

- - creates ad members  
- - background colors  
- - text colors  
- - placement of all the elements on the page  
- - top of sidebar in alignment with top of page  
- - margin between header and content area  
- - margin between content area and footer  
- - margin between footer and bottom of page  
- - margin between sidebar and content area  
- - margin between content area and sidebar  
- - margin between sidebar and footer  
- - margin between footer and bottom of page

background color of the page  
background color of the sidebar  
background color of the content area  
background color of the footer  
font size of the sidebar  
font size of the content area  
font size of the footer  
font weight of the sidebar  
font weight of the content area  
font weight of the footer  
font style of the sidebar  
font style of the content area  
font style of the footer  
font type of the sidebar  
font type of the content area  
font type of the footer  
line height of the sidebar  
line height of the content area  
line height of the footer  
margin between sidebar and content area  
margin between content area and footer  
margin between footer and bottom of page  
padding between sidebar and content area  
padding between content area and footer  
padding between footer and bottom of page  
text color of the sidebar  
text color of the content area  
text color of the footer  
text transform of the sidebar  
text transform of the content area  
text transform of the footer  
vertical align of the sidebar  
vertical align of the content area  
vertical align of the footer

- o shift or scroll in + - < > speed
- o no scroll on a page

```
File Edit Selection View Go Run Terminal Help
ps4.html ps4.html ps5.html
ps4.html > ...
1 <!DOCTYPE html>
2 <html>
3 <title>BMW SHOWROOM</title>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1">
6 <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
7 <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Raleway">
8 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
9 <style>
10 body,h1,h2,h3,h4,h5,h6 {font-family: "Raleway", sans-serif}
11 body, html {
12   height: 100%;
13   line-height: 1.8;
14 }
15
16 /* Full height image header */
17 .bgimg-1 {
18   background-position: center;
19   background-size: cover;
20   background-image: url("https://www.bmw.in/content/dam/bmw/marketin/bmw_in/topics/specialoffers/march-sales-push/3g1-desktop.jpg");
21   min-height: 95%;
22 }
23
24 .w3-bar .w3-button {
25   padding: 10px;
26 }
27 </style>
28 <body>
29
30 <!-- Navbar (sit on top) -->
31 <div class="w3-top">
32   <div class="w3-bar w3-white w3-card" id="myNavbar">
33     <a href="#" class="w3-bar-item w3-button w3-wide">BMW</a>
34     <a href="#" class="w3-bar-item w3-button">TEAM</a>
35     <!-- Right-sided navbar links -->
36     <div class="w3-right w3-hide-small">
37       <a href="#" class="w3-bar-item w3-button">ABOUT</a>
```

Line 1 Col 16 | Spaces: 2 | UTF-8 | OLE | HTML | Go Live | Print

```
File Edit Selection View Go Run Terminal Help
ps4.html ps4.html ps5.html
ps4.html > ...
37   <a href="#" class="w3-bar-item w3-button">ABOUT</a>
38   <a href="#" class="w3-bar-item w3-button"><i class="fa fa-user"></i> TEAM</a>
39   <a href="#" class="w3-bar-item w3-button"><i class="fa fa-th"></i> MODELS</a>
40   <a href="#" class="w3-bar-item w3-button"><i class="fa fa-usd"></i> PRICING</a>
41   <a href="#" class="w3-bar-item w3-button"><i class="fa fa-envelope"></i> CONTACT</a>
42 </div>
43 <!-- Hide right-floated links on small screens and replace them with a menu icon -->
44 <a href="javascript:void(0)" class="w3-bar-item w3-button w3-right w3-hide-large w3-hide-medium" onclick="w3_open()">
45   <i class="fa fa-bars"></i>
46 </a>
47 </div>
48 </div>
49 </div>
50
51 <!-- Sidebar on small screens when clicking the menu icon -->
52 <div class="w3-sidebar w3-bar-block w3-black w3-card w3-animate-left w3-hide-medium w3-hide-large" style="display:none" id="mySidebar">
53   <a href="javascript:void(0)" onclick="w3_close()" class="w3-bar-item w3-button w3-large w3-padding-16">Close <i></i></a>
54   <a href="#" onclick="w3_close()" class="w3-bar-item w3-button">ABOUT</a>
55   <a href="#" onclick="w3_close()" class="w3-bar-item w3-button">TEAM</a>
56   <a href="#" onclick="w3_close()" class="w3-bar-item w3-button">MODELS</a>
57   <a href="#" onclick="w3_close()" class="w3-bar-item w3-button">PRICING</a>
58   <a href="#" onclick="w3_close()" class="w3-bar-item w3-button">CONTACT</a>
59 </div>
60
61 <!-- Header with full-height image -->
62 <header class="bgimg-1 w3-display-container w3-grayscale-min" id="home">
63   <div class="w3-display-left w3-text-white" style="padding:40px">
64     <span class="w3-jumbo w3-hide-small">start something that matters</span><br>
65     <span class="w3-exlarge w3-hide-Large w3-hide-medium">start something that matters</span><br>
66     <span class="w3-large">stop wasting valuable time with something that just isn't you.</span>
67     <p><a href="#" class="w3-button w3-white w3-padding-large w3-large w3-margin-top w3-opacity w3-hover-opacity-off">Drive more and feel the richness in comfort.</a>
68   </div>
69   <div class="w3-display-bottomleft w3-text-grey w3-large" style="padding:24px 48px">
70     <i class="fa fa-facebook-official w3-hover-opacity"></i>
71     <i class="fa fa-instagram w3-hover-opacity"></i>
72     <i class="fa fa-snapchat w3-hover-opacity"></i>
73     <i class="fa fa-pinterest-p w3-hover-opacity"></i>
74   </div>
```

Line 1 Col 16 | Spaces: 2 | UTF-8 | OLE | HTML | Go Live | Print

```
File Edit Session View Go Run Terminal Help F5
0 joined 0 joined X 0 joined


```

 0 joined
 1 <div class="fa-pinterest" style="color:#333399"></div>
 2 <div class="fa-twitter" style="color:#333399"></div>
 3 <div class="fa-linkedin" style="color:#333399"></div>
 4 </div>
 5 </header>
 6
 7 <!-- main section -->
 8 <div class="ad-container" style="padding:120px 0 0 0" id="about">
 9   <div class="ad-center" style="text-align:center">
10     <p class="ad-center ad-large">ABOUT THE COMPANY</p>
11     <div class="ad-row-padding ad-center" style="margin-top:40px">
12       <div class="fa-diamond ad-margin-bottom ad-jumbo"></div>
13         <p class="ad-large" style="font-size:18px; font-weight:bold; margin-bottom:10px">Key features of our company</p>
14         <p>Ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.</p>
15       </div>
16       <div class="ad-quarter">
17         <div class="fa-heart ad-margin-bottom ad-jumbo"></div>
18           <p class="ad-large" style="font-size:18px; font-weight:bold; margin-bottom:10px">Passion</p>
19           <p>Ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.</p>
20         </div>
21       <div class="ad-quarter">
22         <div class="fa-diamond ad-margin-bottom ad-jumbo"></div>
23           <p class="ad-large" style="font-size:18px; font-weight:bold; margin-bottom:10px">Design</p>
24           <p>Ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.</p>
25         </div>
26       <div class="ad-quarter">
27         <div class="fa-coffee ad-margin-bottom ad-jumbo"></div>
28           <p class="ad-large" style="font-size:18px; font-weight:bold; margin-bottom:10px">Support</p>
29           <p>Ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.</p>
30         </div>
31     </div>
32   </div>
33 </div>
34 <!-- Team section - "the team design" -->
35 <div class="ad-container ad-light-grey" style="padding:120px 0 0 0">
36   <div class="ad-row-padding">

```


```

```
File Edit Session View Go Run Terminal Help F5
0 joined 0 joined X 0 joined


```

 0 joined
 1 <div class="ad-row-padding">
 2   <div class="ad-col ad-12">
 3     <h3>Our design</h3>
 4     <p>Ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.</p>
 5     <div href="#" class="ad-button ad-black" style="background-color:#333399; color:white; padding:10px 20px; border-radius:5px; text-decoration:none; text-align:center; font-weight:bold; font-size:14px; margin-bottom:10px"><i class="fa fa-th" style="font-size:18px; margin-right:10px; vertical-align:middle; color:white"></i>View Our Works</a></div>
 6   </div>
 7   <div class="ad-col ad-12">
 8     <img alt="https://www.bingroup.com/content/dam/group/web/sites/bingroup_com/company/product1cv/2500005_header-miridia.jpg" style="width:100%; height:100%; object-fit:cover; border-radius:5px; border:1px solid #ccc; margin-bottom:10px">
 9   </div>
10 </div>
11 <!-- Team section -->
12 <div class="ad-container" style="padding:120px 0 0 0" id="team">
13   <div class="ad-center" style="text-align:center">
14     <p class="ad-center ad-large">The ones who runs this company</p>
15     <div class="ad-row-padding ad-gray-scale" style="margin-top:40px">
16       <div class="ad-col ad-12 ad-margin-bottom">
17         <div class="ad-card">
18           <img alt="https://ui.solidkit.com/arturis-000070134595-fd7ca-1500x600.jpg" alt="Abdullah" style="width:100%">
19           <div class="ad-container">
20             <div class="ad-content">
21               <h3>Abdullah</h3>
22               <p class="ad-quality">CEO & Founder</p>
23               <p>Quisque aliquet enim eu lectus facilisis vestibulum. Suspendisse sodales pellentesque elementum.</p>
24               <button class="ad-button ad-light-grey ad-black" style="background-color:#333399; color:white; padding:10px 20px; border-radius:5px; text-decoration:none; text-align:center; font-weight:bold; font-size:14px; margin-bottom:10px"><i class="fa fa-envelope" style="font-size:18px; margin-right:10px; vertical-align:middle; color:white"></i>Contact</button>
25             </div>
26           </div>
27         </div>
28       </div>
29     </div>
30   </div>
31   <div class="ad-col ad-12 ad-margin-bottom">
32     <div class="ad-card">
33       <img alt="https://www.bingroup.com/s/img/reviews/72f1207087457admc05bbd79af2c78f0d332708/catalog/provider/1/7/1-3310323455.jpeg?auto=webp&fit=border&hl=en-US" style="width:100%">
34       <div class="ad-container">
35         <div class="ad-content">
36           <h3>Reviews</h3>
37           <p class="ad-quality">Art Director</p>
38           <p>Quisque aliquet enim eu lectus facilisis vestibulum. Suspendisse sodales pellentesque elementum.</p>
39           <button class="ad-button ad-light-grey ad-black" style="background-color:#333399; color:white; padding:10px 20px; border-radius:5px; text-decoration:none; text-align:center; font-weight:bold; font-size:14px; margin-bottom:10px"><i class="fa fa-envelope" style="font-size:18px; margin-right:10px; vertical-align:middle; color:white"></i>Contact</button>
40         </div>
41       </div>
42     </div>
43   </div>
44 </div>
45 <!-- Footer -->
46 <div class="ad-footer" style="background-color:#333399; color:white; padding:10px 0 0 0; font-size:12px; text-align:center; font-weight:bold; font-style:italic; letter-spacing:1px; text-decoration:none; text-transform:uppercase">
47   <div class="ad-row-padding" style="margin-top:10px">
48     <div class="ad-col ad-12" style="text-align:left">
49       <small>Copyright © 2024 BINGROUP. All Rights Reserved. This template is designed by SolidKit. It is a free template provided under the MIT License. You are free to use it for personal and commercial purposes. If you like this template, consider supporting the developer by buying the premium version or sharing it with your friends. Thank you!</small>
50     </div>
51   </div>
52 </div>
53 </body>
54 </html>
```


```

```
File Edit Selection View Go Run Terminal Help ↵ ps  
ps1.html ps4.html ps5.html  
145 </div>  
146 </div>  
147 </div>  
148 <div class="w3-col l3 m6 w3-margin-bottom">  
149 <div class="w3-card">  
150   
151 <div class="w3-container">  
152 <h3>Ray</h3>  
153 <p class="w3-opacity">Web Designer</p>  
154 <p>Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.</p>  
155 <px><button class="w3-button w3-light-grey w3-block"><i class="fa fa-envelope"></i> Contact</button></px>  
156 </div>  
157 </div>  
158 </div>  
159 <div class="w3-col l3 m6 w3-margin-bottom">  
160 <div class="w3-card">  
161   
162 <div class="w3-container">  
163 <h3>Hillary</h3>  
164 <p class="w3-opacity">Designer</p>  
165 <p>Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.</p>  
166 <px><button class="w3-button w3-light-grey w3-block"><i class="fa fa-envelope"></i> Contact</button></px>  
167 </div>  
168 </div>  
169 </div>  
170 </div>  
171 </div>  
172  
173 <!-- Promo section "Statistics" -->  
174 <div class="w3-container w3-row w3-center w3-dark-grey w3-padding-64">  
175 <div class="w3-quarter">  
176 <span class="w3-xlarge">140</span>  
177 <br>Partners  
178 </div>  
179 <div class="w3-quarter">  
180 <span class="w3-xlarge">1055</span>  
181 <br>Projects Done  
In 1, Out 18, Spaces: 2, UTF-8, CRLF, 14 HTML, 0 Go Live, 0 Preview, 20 D
```

```
File Edit Selection View Go Run Terminal Help ↵ ps  
ps3.html ps4.html ps5.html  
181 <br>Projects Done  
182 </div>  
183 <div class="w3-quarter">  
184 <span class="w3-xlarge">1000</span>  
185 <br>Happy Clients  
186 </div>  
187 <div class="w3-quarter">  
188 <span class="w3-xlarge">1150</span>  
189 <br>Meetings  
190 </div>  
191 </div>  
192  
193 <!-- Work Section -->  
194 <div class="w3-container" style="padding:120px 16px" id="work">  
195 <h3 class="w3-center">Our Work</h3>  
196 <p class="w3-center w3-large">What we've done for people</p>  
197  
198 <div class="w3-row-padding" style="margin-top:64px">  
199 <div class="w3-col l3 m6">  
200   
201 </div>  
202 <div class="w3-col l3 m6">  
203   
204 </div>  
205 <div class="w3-col l3 m6">  
206   
207 </div>  
208 <div class="w3-col l3 m6">  
209   
210 </div>  
211 </div>  
212  
213 <div class="w3-row-padding w3-section">  
214 <div class="w3-col l3 m6">  
215   
216 </div>  
217 <div class="w3-col l3 m6">
```

```
File Edit Selection View Go Run Terminal Help ← → ⌘ P5  
O patient O patient X O patient  
O patient > @ head > body > #workout-container > div.w3-row-padding.w3-section > div.w3-col.l6.m6 > img.w3-hover-opacity  
217   div class="w3-col l3 m3">  
218     img src="https://hips.hearstapps.com/hmg-prod/images/ums-x7-1542226519.jpg?resize=400:300" style="width:100%" onClick="this" class="w3-hover-opacity"  
219   
```

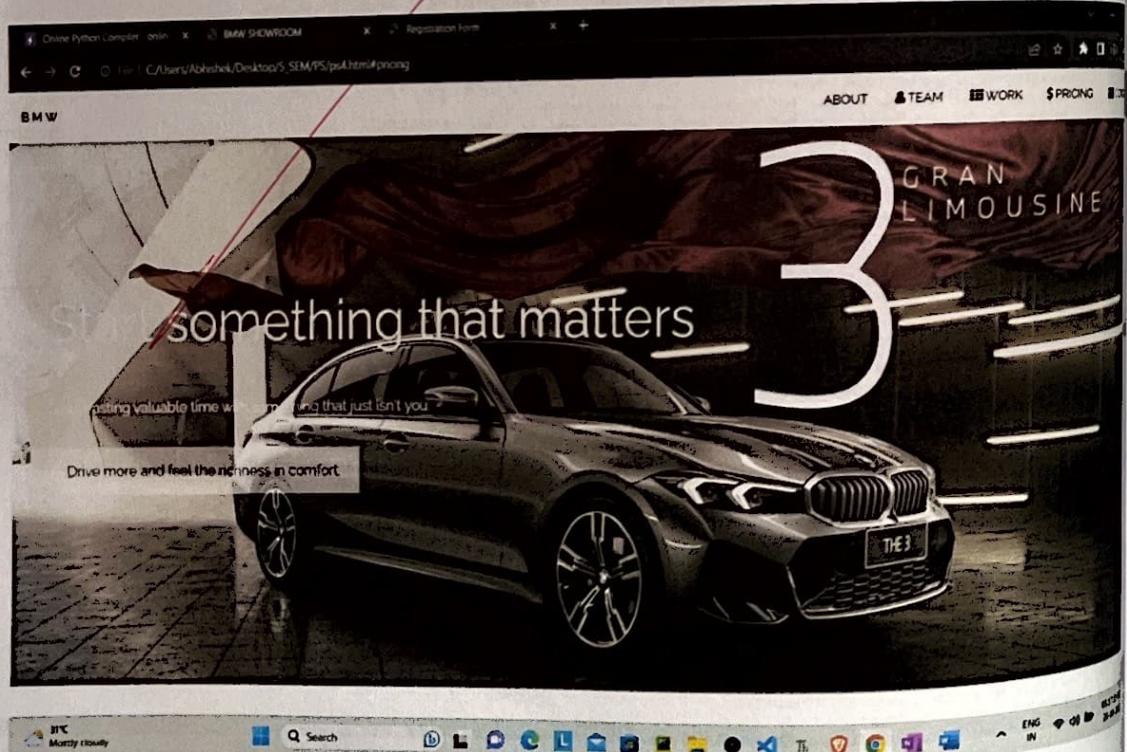
```
File Edit Selection View Go Run Terminal Help ← → ⌘ P5  
O patient O patient X O patient  
O patient > @ head > body > #workout-container > div.w3-row-padding.w3-section > div.w3-col.l6.m6 > img.w3-hover-opacity  
291   <p class="w3-wide"><i class="fa-desktop w3-margin-right"></i>Customer Satisfaction  
292   div class="w3-grey">  
293     div class="w3-container w3-dark-grey w3-center" style="width:100%>w3s</div>
```

```
File Edit Selection View Go Run Terminal Help PS  
o ps4.html o ps4.html x o ps4.html  
289 <li class="w3-padding-16"><b>Top Speed 300 kmph</b></li>  
290 <li class="w3-padding-16"><b>Customizable</b></li>  
291 <li class="w3-padding-16"><b>Endless</b> Support</li>  
292 <li class="w3-padding-16">  
293     <div class="w3-wide">$ 100,433</div>  
294 </li>  
295 <li class="w3-light-grey w3-padding-24">  
296     <button class="w3-button w3-black w3-padding-large">Book now</button>  
297 </li>  
298 </ul>  
299 </div>  
300 <div class="w3-third w3-section">  
301     <ul class="w3-ul w3-white w3-hover-shadow">  
302         <li class="w3-black w3-xlarge w3-padding-12">w5</li>  
303         <li class="w3-padding-16"><b>SUMMARY</b></li>  
304         <li class="w3-padding-16"><b>Top Speed 300 kmph</b></li>  
305         <li class="w3-padding-16"><b>Customizable</b></li>  
306         <li class="w3-padding-16"><b>Endless</b> Support</li>  
307         <li class="w3-padding-16">  
308             <div class="w3-wide">$ 240,983</div>  
309 </li>  
310 <li class="w3-light-grey w3-padding-24">  
311     <button class="w3-button w3-black w3-padding-large">Book now</button>  
312 </li>  
313 </ul>  
314 </div>  
315 </div>  
316 </div>  
317  
318 <!-- Contact Section -->  
319 <div class="w3-container w3-light-grey" style="padding:128px 16px" id="contact">  
320     <h3 class="w3-center">CONTACT</h3>  
321     <p class="w3-center w3-large">lets get in touch. Send us a message:</p>  
322     <div style="margin-top:48px">  
323         <span class="fa fa-map-marker fa-fu w3-xlarge w3-margin-right"></span> Chicago, US</p>  
324         <span class="fa fa-phone fa-fu w3-xlarge w3-margin-right"></span> Phone: +00 151515</p>  
325         <span class="fa fa-envelope fa-fu w3-xlarge w3-margin-right"></span> Email: mail@mail.com</p>  
326 </div>  
327 </div>
```

```
File Edit Selection View Go Run Terminal Help PS  
o ps4.html o ps4.html x o ps5.html  
325 <p><i class="fa fa-envelope fa-fu w3-xlarge w3-margin-right"></i> Email: mail@mail.com</p>  
326 <br>  
327 <form action="/action_page.php" target="_blank">  
328     <input class="w3-input w3-border" type="text" placeholder="Name" required name="Name"></p>  
329     <input class="w3-input w3-border" type="text" placeholder="Email" required name="Email"></p>  
330     <input class="w3-input w3-border" type="text" placeholder="Subject" required name="Subject"></p>  
331     <input class="w3-input w3-border" type="text" placeholder="Message" required name="Message"></p>  
332     <br>  
333     <button class="w3-button w3-black" type="submit">  
334         <i class="fa fa-paper-plane"></i> SEND MESSAGE  
335     </button>  
336 </p>  
337 </form>  
338 </div>  
339 </div>  
340  
341 <!-- Footer -->  
342 <footer class="w3-center w3-black w3-padding-64">  
343     <a href="#" class="w3-button w3-light-grey"><i class="fa fa-arrow-up w3-margin-right"></i>To the top</a>  
344     <div class="w3-xlarge w3-section">  
345         <i class="fa fa-facebook-official w3-hover-opacity"></i>  
346         <i class="fa fa-instagram w3-hover-opacity"></i>  
347         <i class="fa fa-snapchat w3-hover-opacity"></i>  
348         <i class="fa fa-pinterest p w3-hover-opacity"></i>  
349         <i class="fa fa-twitter w3-hover-opacity"></i>  
350         <i class="fa fa-linkedin w3-hover-opacity"></i>  
351     </div>  
352     <p>Powered by <a href="https://www.w3schools.com/w3css/default.asp" title="W3.CSS" target="_blank" class="w3-hover-text-green">W3.CSS</a></p>  
353 </footer>  
354  
355 <script>  
356 // Modal Image Gallery  
357 function onlick(element) {  
358     document.getElementById("img01").src = element.src;  
359     document.getElementById("modal01").style.display = "block";  
360     var captionText = document.getElementById("caption");  
361     captionText.innerHTML = element.alt;
```

```
File Edit Selection View Go Run Terminal Help
  o ps1.html  o ps4.html  x  o ps5.html
  o ps1.html > @head > @body > @div[role=container] > @div[!row-padding][!section] > @div[!col][!cell] > @img[alt="element.alt"]
361   ;captionText.innerHTML = element.alt;
362 }
363
364 // Toggle between showing and hiding the sidebar when clicking the menu icon
365 var mySidebar = document.getElementById("mysidebar");
366
367 function w3_open() {
368   if (mySidebar.style.display === 'block') {
369     mySidebar.style.display = 'none';
370   } else {
371     mySidebar.style.display = 'block';
372   }
373 }
374
375 // Close the sidebar with the close button
376 function w3_close() {
377   mySidebar.style.display = "none";
378 }
379
380 </script>
381
382 </body>
383 </html>
384
```

## OUTPUT:-



Online Python Compiler - online | BMW SHOWROOM | Registration Form | File | C:/Users/Abhishek/Desktop/S\_SEM/PS/ps4.html#pricing

ABOUT TEAM WORK PRICING CONTACT

## ABOUT THE COMPANY

Key features of our company

**Responsive**  **Passion**  **Design**  **Support** 

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.

Online Python Compiler - online | BMW SHOWROOM | Registration Form | File | C:/Users/Abhishek/Desktop/S\_SEM/PS/ps4.html#pricing

ABOUT TEAM WORK PRICING CONTACT

## We know design.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore.

[View Our Works](#)



Online Python Compiler - Driven by BMW SHOWROOM Registration Form

BMW

ABOUT TEAM WORK \$ PRICING



**Abhishek**

CEO & Founder

Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.

[Contact](#)



**Tyson**

Art Director

Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.

[Contact](#)



**Ray**

Web Designer

Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.

[Contact](#)



**Hillary**

Designer

Phasellus eget enim eu lectus faucibus vestibulum. Suspendisse sodales pellentesque elementum.

[Contact](#)

JTC Mostly cloudy

Search

ENGLISH

Online Python Compiler - Driven by BMW SHOWROOM Registration Form

BMW

ABOUT TEAM WORK \$ PRICING

## OUR WORK

What we've done for people



JTC Mostly cloudy

Search

ENGLISH

Online Python Compiler - online | BMW SHOWROOM | Registration Form | +

File | C:/Users/Abhishek/Desktop/S\_SEM/PS/pr4.html#pricing

BMW

ABOUT TEAM WORK PRICING CONTACT

220di

SUV

Top Speed 240 kmph

Customizable

Endless Support

\$ 60,240

Book now

320di

SEDAN

Top Speed 300 kmph

Customizable

Endless Support

\$ 108,433

Book now

M5

LUXURY SEDAN

Top Speed 350 kmph

Customizable

Endless Support

\$ 240,963

Book now

RTC Mostly cloudy

Search

ENGLISH

05:20:47 PM

20-08-2023

Online Python Compiler - online | BMW SHOWROOM | Registration Form | +

File | C:/Users/Abhishek/Desktop/S\_SEM/PS/pr4.html#pricing

BMW

ABOUT TEAM WORK PRICING CONTACT

## CONTACT

Lets get in touch. Send us a message

Chicago, US

Phone: +00 151515

Email: mail@mail.com

Name

Email

Subject

Message

SEND MESSAGE

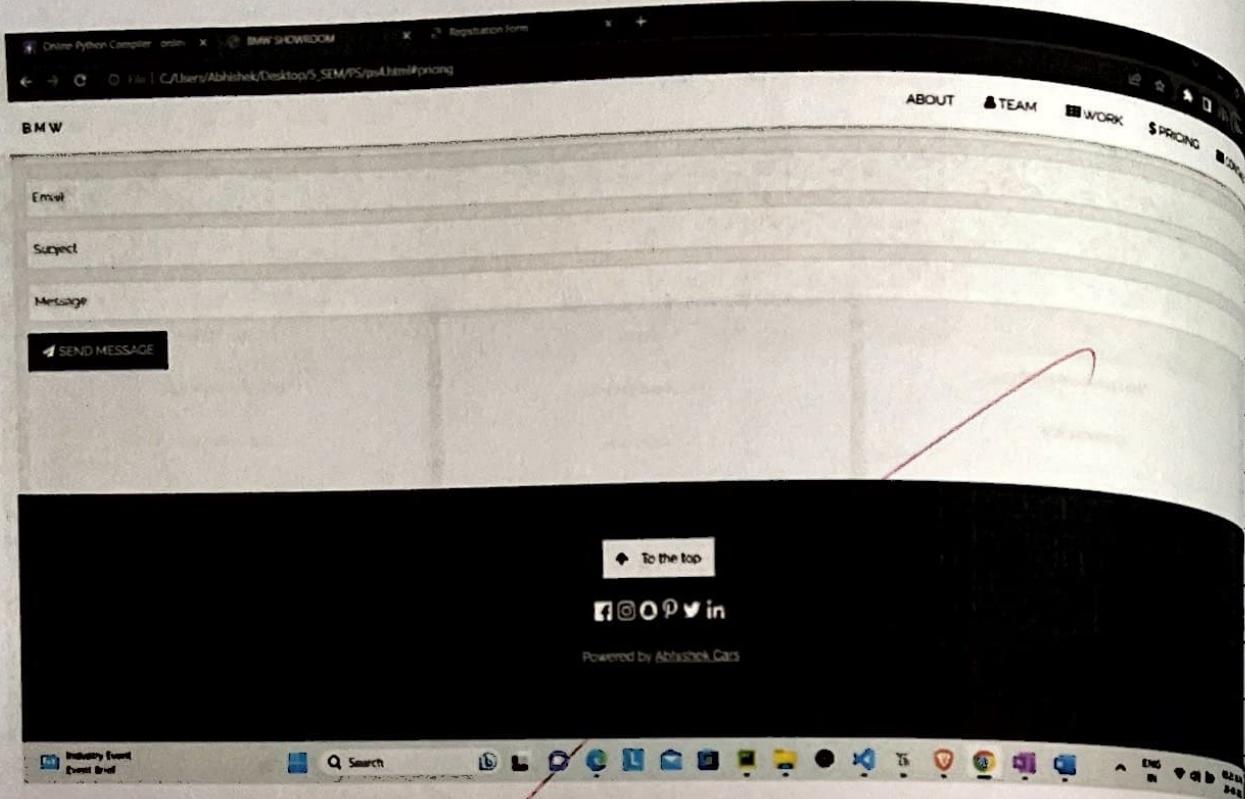
RTC Mostly cloudy

Search

ENGLISH

05:21:18 PM

20-08-2023



- <nav> :- It is used to define a container for navigation links.
- <section> :- It is used to define a section in a document.
- <footer> :- It is used to define a footer for a document or a section.
- <summary> :- It is used to define a heading for the <details> element
- <details> :- It is used to define additional details.

Result :- Website layout using CSS is created successfully.

Through  
11/01/2023

comitato o comitato di  
lavoro di cui l'autorizzazione

o comitato di lavoro n. 11 <primo>  
lavoro di cui l'autorizzazione

comitato o comitato di lavoro n. 11 <secondo>  
lavoro di cui l'autorizzazione

o comitato di lavoro n. 11 <terzo>  
lavoro di cui l'autorizzazione

comitato di lavoro n. 11 <quarto>  
lavoro di cui l'autorizzazione

o comitato di lavoro n. 11 <quinto>  
lavoro di cui l'autorizzazione

Spese  
esercizio

## Practical - 5

- Aim :- Write a Javascript code that displays text "TEXT GROWING" with increasing font size in the interval of 100 ms in RED COLOR, when the font size reaches 50 pt it displays "TEXT-SHRINKING" in BLUE color. Then the font size decreases to 5 pt.
- Theory :- JavaScript (JS) is the most popular light-weight, interpreted compiled programming language. It can be used for both Client side as well as Server-side developments. JavaScript also known as a scripting language for web pages.

The setInterval() method calls a function at specified intervals (in milliseconds).

The setInterval() method continues calling the function until clearInterval() is called, the window is closed.

1 second = 1000 milliseconds.

The clearInterval() method clears a timer set with the setInterval() method.

## Project - 2

text size is the font size used in "TEXT SHRINKING" in "TEXT GRADING". With increasing font size it is possible to decrease the font size of the text.

Now we will see how to do this. It is very simple. Just follow the steps given below:

1. Open the file "text.html" in your browser.

2. Now copy the code given below and paste it in the file "text.html".

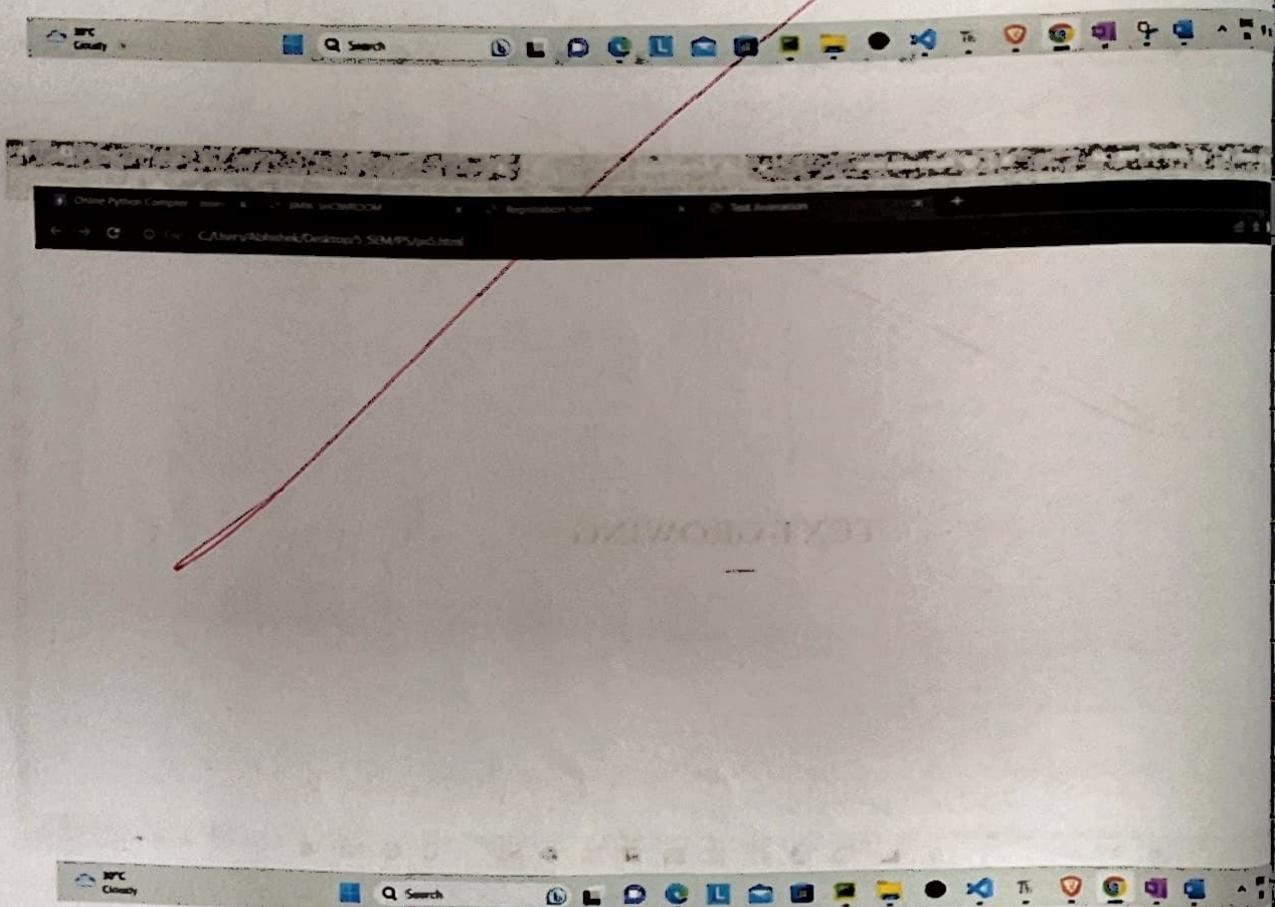
$$1 \text{ square} = 1000 \text{ milliseconds}$$

The code is as follows:

TEXT-GROWING

TEXT-GROWING

## TEXT-SHRINKING



## Program :-

```
<!DOCTYPE html>
<html>
<head>
    <title> Text Animation </title>
    <style>
        body {
            display: flex;
            justify-content: center;
            align-items: center;
            min-height: 100vh;
        }
        #text-container {
            text-align: center;
        }
        #animated-text {
            font-size: 10px;
            color: red;
        }
    </style>
</head>
<body>
    <div id = "text-container">
        <div id = "animated-text"> TEXT - GROWING </div>
    </div>
    <script>
        const textElement = document.getElementById('animated-text');
    </script>

```

< Land > ~~TYPE~~

< Land >

< Land >

< title > ~~text - bottom~~ best < title >

< title >

< pbody >

global : file ;

hosted : browser - client ;

hosted : client - server ;

hosted : client - client ;

< count - last # >

< count - first >

< count - last - first # >

host : size : 1000

host : role

< title >

< land >

< "bottom - count" = bi vib >

< vib > ~~TEXT - GROWING~~ < "best - bottom" = bi vib >

< vib >

< title >

lastElement - bottom = bestElement - top  
= (best - bottom)

```
let fontSize = 10;
let growing = true;
```

```
function animateText() {
```

```
    if (growing) {
```

```
        fontSize += 2;
```

```
        textElement.style.fontSize = fontSize + 'px';
```

```
        textElement.style.color = 'red';
```

```
        if (fontSize >= 50) {
```

```
            growing = false;
```

```
            textElement.innerHTML = 'TEXT - SHRINKING';
```

```
            textElement.style.color = 'blue';
```

```
}
```

```
} else {
```

```
    fontSize -= 2;
```

```
    textElement.style.fontSize = fontSize + 'px';
```

```
    if (fontSize <= 5) {
```

```
        clearInterval(animationInterval);
```

```
}
```

```
}
```

```
const animationInterval = setInterval(animateText, 100);
```

```
</script>
```

```
</body>
```

```
</html>
```

Result :- JavaScript code for text "TEXT GROWING," and "TEXT SHRINKING" with increasing & decreasing size respectively is implemented successfully.

11/09/2023

Teachers Signature

: 01 = fontsize : tel  
: curv = border : tel

} (1) best standing position  
} (primary) fi

: 2 = + fontsize

; 'bg' + sizefont = sizefont . style . bestElement ; 'ter' = colors . style . bestElement

{ (0 < sizefont ) fi

: 32pt = primary

; 'TEXT-CHARMING' = fontElement ; 'bold' = colors . style . bestElement

} size {

: 2 = - sizefont

; 'bg' + sizefont = sizefont . style . bestElement

; (beststanding) bestElement

{ - }

; (0, bestatomino) bestatomino = bestatomino time  
< target >

✓  
✓

"TEXT" best and codes for text : the  
size of each object is determined with  
implementation of size function

## Practical no. 6

- Aim: Write a JS code that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format.
- Theory: <script> : Embeds JavaScript code within the HTML document. In this example, it's used to generate the table rows dynamically.

Javascript Code: Inside the <script> tag, a 'for' loop is used to iterate through numbers from 0 to 10. For each number, it calculates the square and cube and dynamically generates an HTML table row <tr> with three cells <td> for the number, square and cube. The \${ } notation is used for string interpolation to insert the values into the HTML.

This code generates an HTML table that displays the squares and cubes of numbers from 0 to 10. It uses JS to perform the calculations and dynamically generate the table rows.

## Squares and Cubes

Number	Square	Cube
0	0	0
1	1	1
2	4	8
3	9	27
4	16	64
5	25	125
6	36	216
7	49	343
8	64	512
9	81	729
10	100	1000

Code :

```
<!DOCTYPE html>
<html>
<head>
    <title> Squares and Cubes </title>
    <style>
        body {
            text-align: center;
            background-image: url('.....');
            background-repeat: no-repeat;
            background-attachment: fixed;
            background-size: 100% 100%;
        }
        table {
            margin: 0 auto;
            text-align: left;
        }
        th, td {
            padding: 8px 16px;
        }
    </style>
</head>
<body>
    <h1> Squares and Cubes </h1>
    <table border="1">
        <tr>
            <th> Number </th>
            <th> Square </th>
            <th> Cube </th>
        </tr>
```

SCALPEL HILT

blade

handle

<alt> SUTURE CORD (CUTTER)

<alt>

peal

scut - aplo - test

( ) ( ) ( ) ( ) ( ) ( )

scut - aplo - test

<alt> SUTURE CORD (CUTTER)

<"x"=rel> scut - aplo - test

<alt>

<alt> suture <alt>

<alt> suture <alt>

<alt> CURETTE <alt>

<alt>

```
<script>
for (let i=0; i<=10; i++) {
    const square = i * i;
    const cube = i * i * i;

    document.write(`
        <tr>
            <td> ${i} </td>
            <td> ${square} </td>
            <td> ${cube} </td>
        </tr>
    `);
}

</script>
</table>
</body>
</html>
```

Result: JS code to calculate squares and cubes of the numbers from 0 to 10 and to display it in HTML table format is implemented successfully.

T.K. Raaj  
11/09/2023

Teachers Signature \_\_\_\_\_

$\text{avg. time} = \frac{\text{sum}}{n}$

$\text{avg. time} = \frac{\text{sum}}{n}$

$\text{avg. time} = \frac{\text{sum}}{n}$

min. time

$\leftarrow \text{min.}$

$\text{min. time} = \frac{\text{sum}}{n}$

$\text{min. time} = \frac{\text{sum}}{n}$

$\text{min. time} = \frac{\text{sum}}{n}$

$\leftarrow \text{min.}$

time

$\leftarrow \text{sum}$

all values at sum =

each value at sum =

largest value at sum =

smallest value at sum =

sum =

sum =

## Practical no. 7

- Aim : Develop and demonstrate a HTML 5 file that includes Javascript script that uses functions for the following problems :

- Parameter : A string

Output : The position in the string of the left-most vowel

- Parameter : A number

Output : The number with its digits in the reverse order.

Theory : Key components and concepts used here are:

~~<Script>~~ : Embeds Javascript code within the HTML document. In this example, it defines two functions, 'findLeftmostVowelPosition' and 'reverseNumberDigits' - for string and number processing, resp.

~~<style>~~ : Defines CSS styles to control the appearance and layout of the page. In this example, it sets style for the background image, text alignment, fonts and table styling.

25. 2. 11

for on location

Tutt' alzò a dirittura e si sentì un gran  
scricchiolio sotto i piedi. Già riconosciuto che  
il terreno era instabile, si cercò di non  
muoversi troppo. Si sentì un altro  
grido e si vide un'altra figura scendere  
dal pendio. Era un uomo con la  
barba lunga e le guance rosse.  
Si voltò e si allontanò.

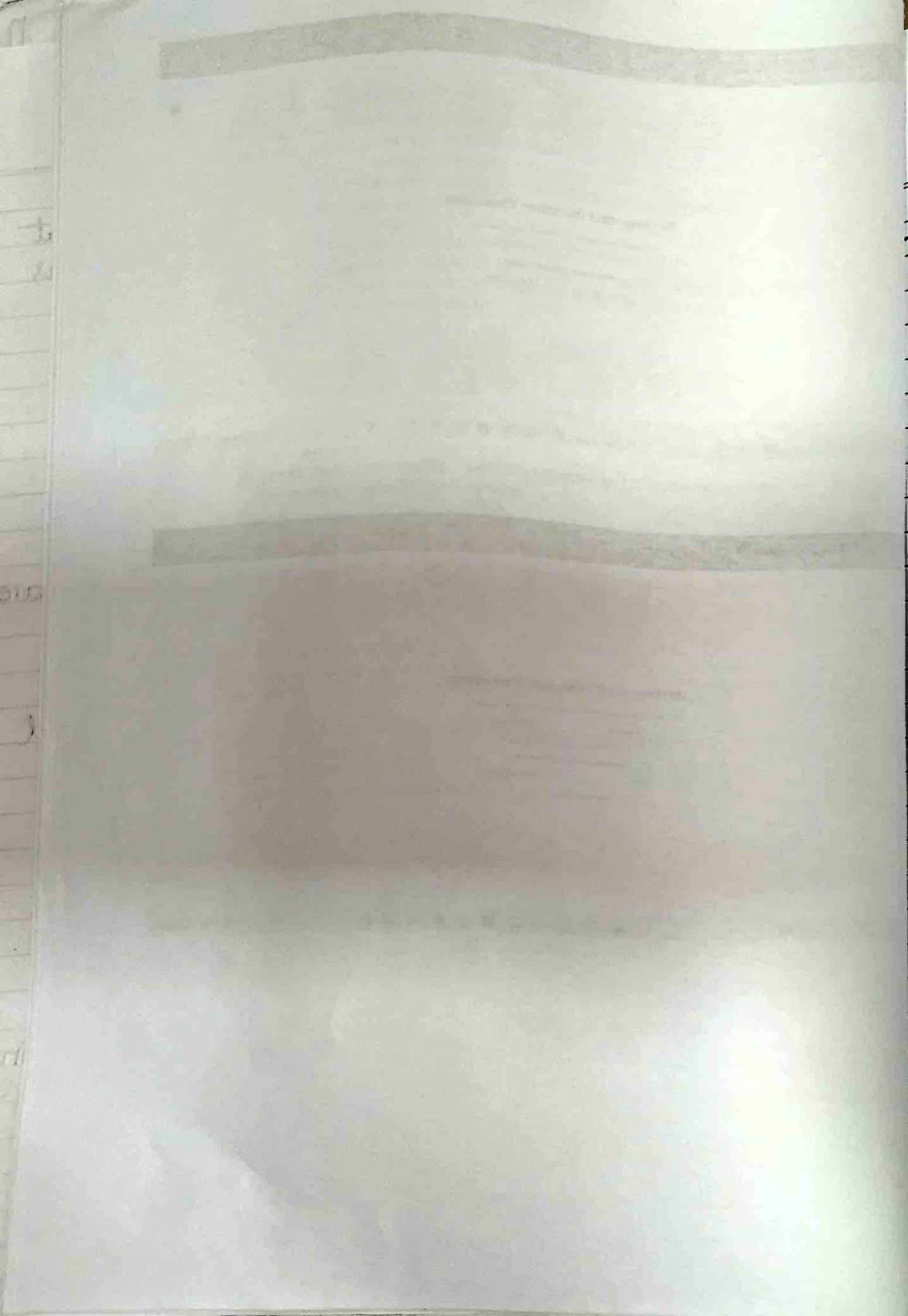
Con grande curiosità si guardò per tutto il paese  
e si vide che tutti gli abitanti erano usciti:  
le donne, le ragazze, gli uomini, gli anziani,  
tutti erano usciti per vedere cosa  
succedeva. Si sentì un gran  
rumore di passi e di grida. Poco  
dopo si vide una donna correre verso  
di sé. La donna aveva i capelli  
lunghi e ricci, la pelle scura e  
la carnagione abbronzata. Si voltò  
e si allontanò.

CODE :-

```
<!DOCTYPE html>
<html>
  <head>
    <title>String and Number Functions</title>
    <style>
      body {
        display: flex;
        justify-content: center;
        align-items: center;
        min-height: 100vh;
        margin: 0;
        background-color: #f0f0f0;
        background-image: url("https://img.freepik.com/free-vector/rectangle-gold-frame-pastel-orange-background-vector_53876-113943.jpg");
        background-repeat: no-repeat;
        background-attachment: fixed;
        background-size: 100% 100%;
      }

      .content {
        text-align: center;
      }
    </style>
    <script>
      // Function to find the position of the leftmost vowel in a string
      function findLeftmostVowelPosition(inputString) {
        const vowels = "AEIOUaeiou";
        for (let i = 0; i < inputString.length; i++) {
          if (vowels.includes(inputString[i])) {
            return i + 1; // Adding 1 to make it 1-based index
          }
        }
        return -1; // Return -1 if no vowel is found
      }

      // Function to reverse the digits of a number
      function reverseNumberDigits(number) {
        if (typeof number !== "number") {
          return "Invalid input. Please enter a number.";
        }
        const reversed = parseFloat(
          number.toString().split("").reverse().join("")
        );
        return reversed;
      }
    </script>
```



JavaScript Code: Inside the `<script>` tag, there are two functions:

- `findLeftmostVowelPosition (input String)`: This function finds the position of the leftmost vowel in a given string.
- `reverseNumberDigits (number)`: This function reverses the digits of a given number.

`<body>` : Contains the visible content of the web page, including headings, input fields, buttons and result paragraphs.

Event Handlers: The 'onlick' attribute is used to specify JavaScript functions to be executed when buttons are clicked.

Result :- HTML 5 file that includes JS code that uses functions for the problems taking string and number as parameters and () to perform action on them is executed successfully.

20/10/2023

raft - not < true > soft shal : case : tides  
L : question and one

soft : (particulate) sedimentary  
soft to cohesive soft shal  
fine sand size or fine gravel

cohesive soft : (cohesive) sedimentary  
sediment size or fine gravel

soft to friable shal soft grain size :  
friable loamy, sandy, granular & some  
intergrading between hard & soft

ii. stony : silts & gravel to  
granular loamy size or larger  
and pebbles sizes between sand &  
cobbles

iii. pebbly : soft silts & IMTH :-  
soft soft granular size soft  
sediment size particulate material washing  
over face of U bars becomes  
coarsest in melt no traction  
- fluffiness

## Practical no. 8

- Aim: Create a webpage to implement search bar feature using JS code using some basic search keywords.
  - Create Navigation bar first
  - Insert search bar on top right corner of navbar.
  - Place a search button along with search bar.
- Theory: ① HTML Structure: The HTML document is structured with a navigation bar, a search bar and a list of cars. The navigation bar contains links and the search bar consists of an input field and a search button. There is also an empty 'div' element with the ID 'SearchResults' where the search results will be displayed.
- ② JavaScript Function ('search'): The 'search' function is defined in JS. It performs the search functionality based on the input entered in the search bar.
  - It converts value to lowercase to make the search case-insensitive.

## 8. in London

and translation of maps a store  
and features of the area and  
there were some features of  
Great Britain and Northern  
Ireland and there got no good  
maps of London and  
drivin' Paolo noticed there a  
lot of houses and houses

houses with all windows in  
and windows in the houses in  
the hill in the sea and houses  
and houses and windows all over  
abundant sea houses with land  
house in land house bright no  
village houses no windows in houses castles  
and houses all sea houses with  
sea houses

houses all houses no windows in houses  
all houses in houses all houses  
all houses houses all houses  
all houses houses all houses

at shows of suns clouds the  
sunlight was very bright

CODE :-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Search Page</title>
    <style>
        /* Basic CSS for the navigation bar */
        body {
            margin: 0;
            font-family: Arial, sans-serif;
            background-image: url('https://img.rawpixel.com/s3fs-private/rawpixel_images/website_content/v546batch2-adj-27-badgewatercolor_1.jpg?w=800&dpr=1&fit=default&crop=default&q=65&vib=3&con=3&usm=15&bg=F4F4F3&ixlib=js-2.2.1&s=24e96aa2c6ab8b4cb8208b82e0fdc305');
            background-repeat: no-repeat;
            background-attachment: fixed;
            background-size: 100% 100%;
        }
        .navbar {
            background-color: #333;
            overflow: hidden;
        }
        .navbar a {
            float: left;
            font-size: 16px;
            color: white;
            text-align: center;
            padding: 14px 16px;
            text-decoration: none;
        }
        .navbar a:hover {
            background-color: #ddd;
            color: black;
        }
        /* CSS for the search bar */
        .search-container {
            float: right;
            margin-right: 20px;
            margin-top: 10px;
        }
        .search-container input[type=text] {
            padding: 6px;
            border: none;
            margin-top: 3px;
            margin-right: 10px;
            width: 200px;
        }
    </style>

```

```
.search-container button {
    padding: 6px 10px;
    margin-top: 3px;
    background: #333;
    color: white;
    border: none;
    cursor: pointer;
}
.search-container button:hover {
    background: #ddd;
    color: black;
}
#list {
    text-align: center;
    list-style-position: inside;
}
</style>
</head>
<body>
    <div class="navbar">
        <a href="#">Home</a>
        <a href="#">About</a>
        <a href="#">Services</a>
        <a href="#">Contact</a>
        <div class="search-container">
            <input type="text" id="searchInput" placeholder="Search...">
            <button onclick="search()">Search</button>
        </div>
    </div>

    <div id="searchResults">
        <!-- Search results will be displayed here -->
    </div>

    <ol id='list'>
        <li class="cars">Rolls-Royce Phantom</li>
        <li class="cars">Bentley Continental GT</li>
        <li class="cars">Mercedes-Benz S-Class</li>
        <li class="cars">Porsche 911</li>
        <li class="cars">BMW 7 Series</li>
        <li class="cars">Audi A8</li>
        <li class="cars">Jaguar XJ</li>
        <li class="cars">Lexus LS</li>
        <li class="cars">Maserati Quattroporte</li>
        <li class="cars">Aston Martin DB11</li>
        <li class="cars">Lamborghini</li>
    </ol>

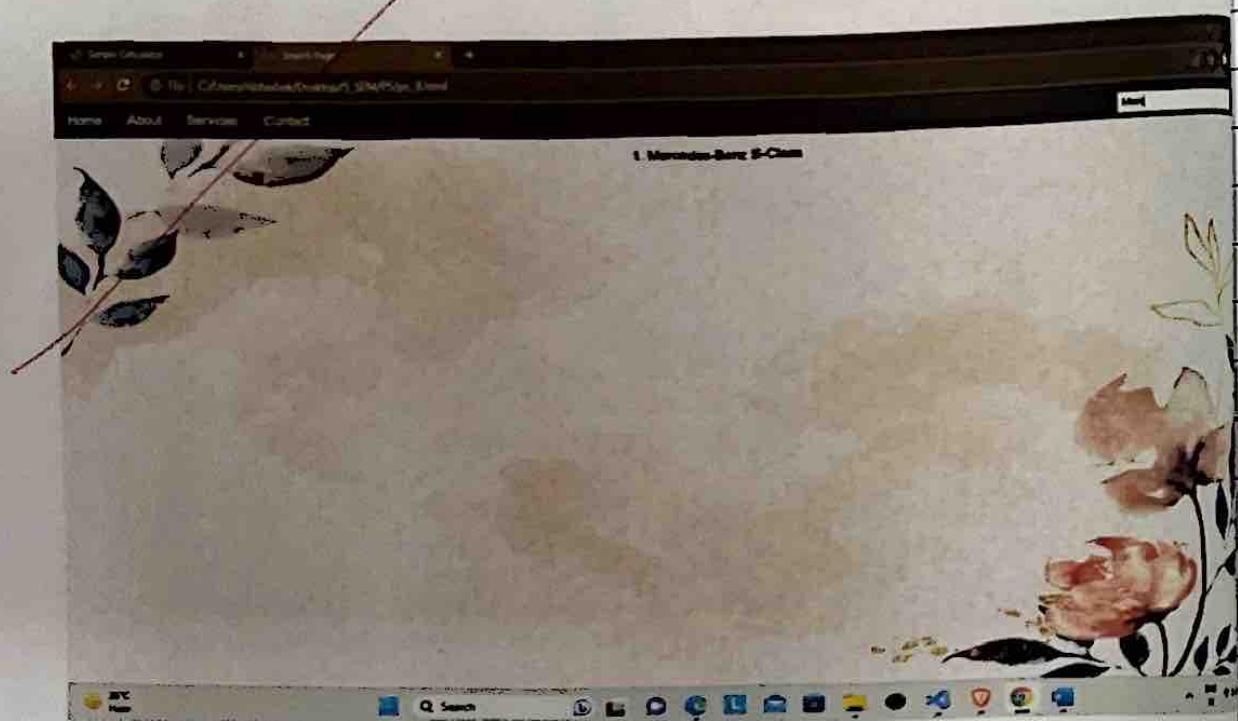
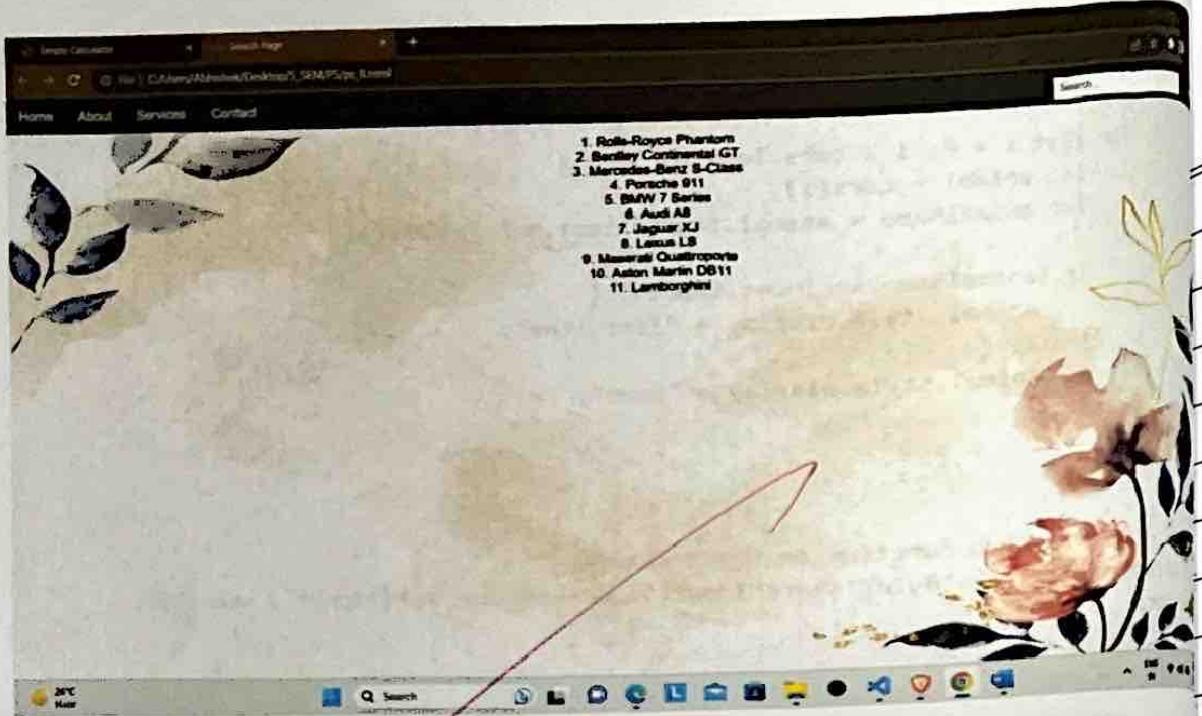
    <script>
        // JavaScript code
    </script>
</body>
```

```
function search() {
    let input = document.getElementById('searchInput').value.toLowerCase();
    let list = document.getElementById('list');
    let cars = list.getElementsByClassName('cars');

    for (let i = 0; i < cars.length; i++) {
        let animal = cars[i];
        let animalName = animal.textContent.toLowerCase();

        if (animalName.includes(input)) {
            animal.style.display = "list-item";
        } else {
            animal.style.display = "none";
        }
    }
}

// Trigger search function on input change
document.getElementById('searchInput').addEventListener('input', search);
</script>
</body>
</html>
```



It obtains the list of cars using  
document.getElementById('cars')

③ Event Listener : The crucial change made to ensure real-time searching is the addition of an event listener. This code listens for the input event on the search input field.

document.getElementById('searchInput').  
addEventListener('input', search) ;

- When the user types into the search input field, the 'input' event is fired.
- The event listener then calls the search function automatically.
- As a result the search function is executed in real time as the user types, it updates.

~~Result : A webpage containing search bar feature using JavaScript using some basic search keywords is implemented successfully.~~

~~11/10/2023~~

que le point de vue de l'opérateur est le point de vue du client.

Le rôle principal est de faire évoluer les données et de leur donner une signification. Les données sont traitées par un programme qui effectue des opérations sur les données et les renvoie au client.

Le rôle du serveur est de stocker les données et de les renvoyer au client.

Le rôle du client est d'accéder aux données et de les utiliser pour exécuter des opérations.

Le rôle du serveur est de stocker les données et de les renvoyer au client.

Le rôle du client est d'accéder aux données et de les utiliser pour exécuter des opérations.

Le rôle du serveur est de stocker les données et de les renvoyer au client.

Le rôle du client est d'accéder aux données et de les utiliser pour exécuter des opérations.

Exo

## Practical no. 9

Aim : Write a javascript code to design a simple calculator to perform the following operations :

- sum
- product
- Difference
- quotient

Theory : ① HTML Structure : HTML is the standard markup language used for creating web pages. In the example we use HTML to structure the page by defining elements like heading `<h2>`, input fields `<input>`, buttons `<button>` and paragraph `<p>`

② Event Handling : JS is used to add interactivity to the webpage.

- `onlick` : Event attribute used with buttons to specify JS functions to execute when the button is clicked.

P on footpath

22 22

o quick ot slow to respond o think  
sit o follow o how to start  
obstacles o parallel lines

Louberg:  
difference:  
tritowd:

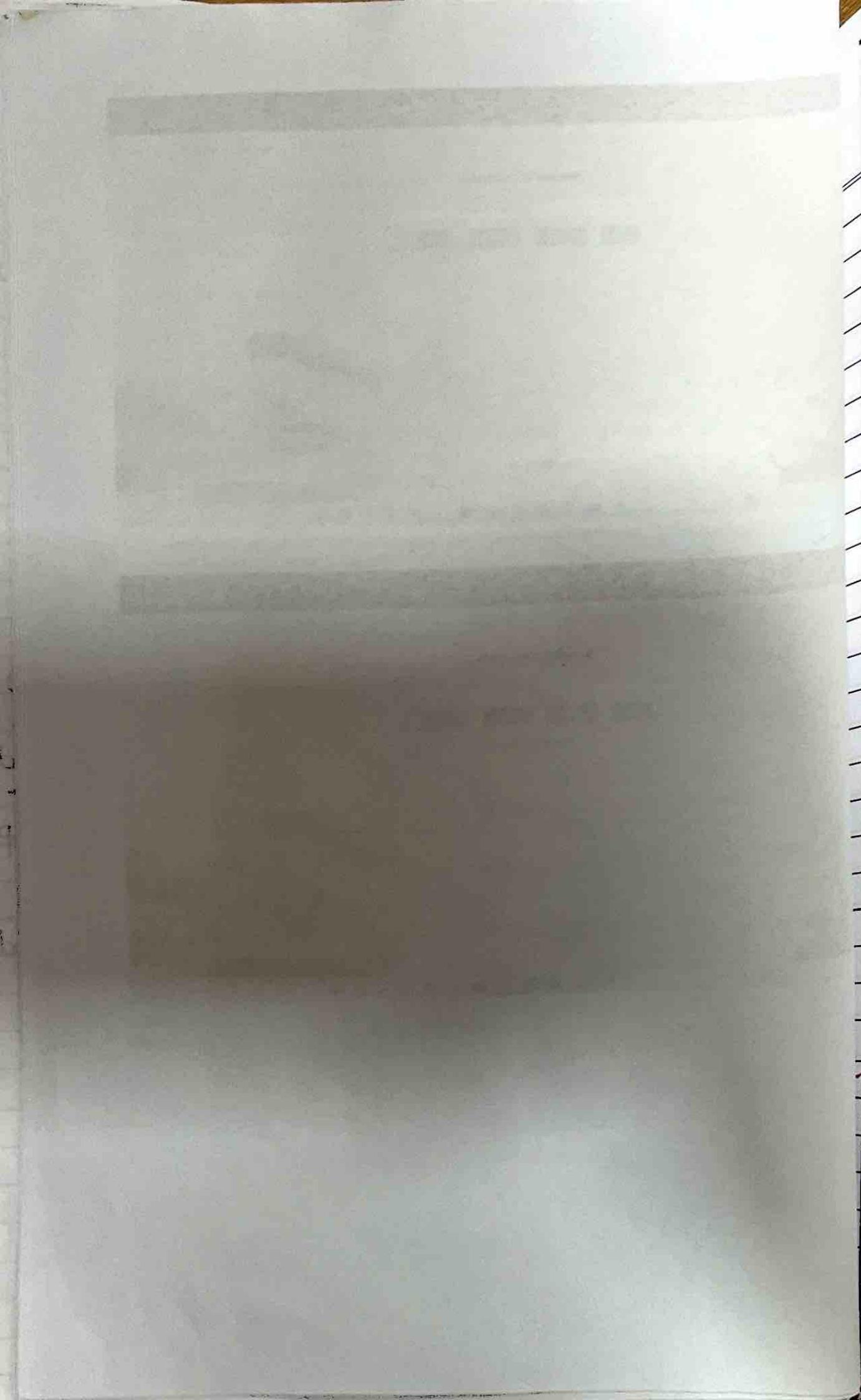
sit in LMTH outside LMTH ① was  
sit being exposed. when I stand  
sit in all ways don't want  
sit outside of LMTH sit me  
and sit animals wait < wait >  
< wait > able to wait < wait >  
say response. has < not wait > quieted

the sit down in BL o will wait travel  
respond sit sit activity or not

the long students travel o Hollard  
activities o usage of wait  
wait sit with o exercise of  
children o

CODE :-

```
<!DOCTYPE html>
<html>
<head>
    <title>Simple Calculator</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f0f0f0;
            text-align: center;
            margin-top: 90px;
            padding: 0;
            background-image: url('https://image.slidesdocs.com/responsive-
images/background/blue-summer-day-cyan-lotus-powerpoint-
background_e95aef4a17_960_540.jpg');
            background-repeat: no-repeat;
            background-attachment: fixed;
            background-size: 100% 100%;
        }
        h2 {
            color: #333;
        }
        input[type="text"] {
            width: 200px;
            padding: 10px;
            margin: 10px;
            border: 1px solid #ccc;
            border-radius: 5px;
        }
        button {
            padding: 10px 20px;
            margin: 10px;
            border: none;
            border-radius: 5px;
            cursor: pointer;
            background-color: #007BFF;
            color: #fff;
        }
        button:hover {
            background-color: #0056b3;
        }
        #result {
            font-size: 18px;
            margin: 20px;
            color: #333;
        }
    </style>
</head>
```



### ③ Functions :

- add() ~ subtract(), multiply(), divide() :  
JS functions that perform mathematical operations based on user input.
- parseFloat() : converts user input (which is initially treated as string) into floating point numbers for mathematical operations.

### ④ DOM manipulation :

The Document object Model (DOM) is used to interact with HTML elements in the document.

- ~~document.getElementById("elementId")~~ :  
Retrieves elements by their ID.

~~Result : Javascript code to design a simple calculator to perform operations is implemented successfully.~~

~~Through  
20/10/2023~~

## function

(1) starts + (2) platinum, (3) + acetone + (4) hydroxylamine from existing tartaric acid  
. sugars + (5) no acid - (6) deep  
blue ) tuqis + (7) ethylene : (8) to form  
of an epoxide to tartaric anhydride  
- ethyl ester + (9) medium + (10) tartaric  
anhydride + (11) position

## antibiotic M6

(1) (not) Johnson - (2) tannin + (3)  
ethylene + (4) HCl + (5) acetone + (6) benzene  
+ (7) tannin + (8) + (9) + (10) + (11)  
+ (12) + (13) + (14) + (15) + (16)

(1) epoxide at 300°C + (2) + (3)  
+ (4) + (5) + (6) + (7) + (8) + (9) + (10)  
+ (11) + (12) + (13) + (14) + (15) + (16)

80°C

## Practical - 10

Aim: Create a complete user registration website using HTML / CSS / JS Containing :-

- Login page
- Signup page
- Login success page
- Invalid password prompt
- Forget password page

Theory: Javascript is a programming language that adds interactivity and functionality to web pages.

In this example, JS is used for two main purposes:

- Form Handling: JS is used to capture user input from forms and handle form submissions. It prevents the default form submission behavior, validates user input, and performs actions such as login and sign-up.
- Simulated user database: JS is used to simulate a user database by storing user credentials in an array. In a real world application, user data would be stored securely in a database.

### Login Page:

- The login page allows registered users to access their accounts by entering their credentials.

# DL - Local

create a composite image  
shallow depth-of-field effect  
is achieved by using a camera with a wide-angle lens and a slow shutter speed.  
The camera's sensor captures more light from a wider area, resulting in a shallower depth of field.  
This means that only a small portion of the image is in sharp focus, while the rest is blurred.  
This effect can be used to emphasize a specific subject or to create a dreamlike, soft-focus look.

open and panoramic, or it becomes very intimate and tight.  
The choice of lens will affect the depth of field.  
A wide-angle lens has a shallow depth of field, which means that only a small portion of the image is in sharp focus, while the rest is blurred.  
This effect can be used to emphasize a specific subject or to create a dreamlike, soft-focus look.  
A telephoto lens, on the other hand, has a deep depth of field, which means that most of the image is in sharp focus.  
This effect can be used to capture a larger scene or to emphasize the overall atmosphere of the image.  
The choice of lens will also affect the lighting and color of the image.  
A wide-angle lens tends to have a cooler color palette, while a telephoto lens tends to have a warmer color palette.  
The choice of lens will also affect the perspective of the image.  
A wide-angle lens creates a sense of depth and immersion, while a telephoto lens creates a sense of distance and detachment.

wide-angle lenses are often used to create a sense of depth and immersion.  
They are also used to capture a wide range of subjects, from landscapes to cityscapes.  
Telephoto lenses, on the other hand, are often used to capture a specific subject or to emphasize a particular aspect of a scene.  
They are also used to create a sense of distance and detachment.  
The choice of lens will depend on the type of photograph you want to take and the subject you are photographing.

CODE :-

File Edit Selection View Go Run Terminal Help

ps\_10.html X signup.html # styles1.css script.js forgot\_password.html forgot\_pass\_retrieve.js

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="styles1.css">
    <title>Login Page</title>
</head>
<body>
    <div class="container">
        <h2>Login</h2>
        <form id="loginForm">
            <input type="text" id="loginUsername" placeholder="Username" required>
            <input type="password" id="loginPassword" placeholder="Password" required>
            <button type="submit">Login</button>
        </form>
        <p>Don't have an account? <a href="signup.html">Sign Up</a></p>
        <p><a href="forgot_password.html">Forgot Password?</a></p>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

File Edit Selection View Go Run Terminal Help

ps\_10.html signup.html # styles1.css script.js forgot\_password.html forgot\_pass\_retrieve.js

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="styles1.css">
    <title>Sign Up Page</title>
</head>
<body>
    <div class="container">
        <h2>Sign Up</h2>
        <form id="signupForm">
            <input type="text" id="signupUsername" placeholder="Username" required>
            <input type="password" id="signupPassword" placeholder="Password" required>
            <button type="submit">Sign Up</button>
        </form>
        <p>Already have an account? <a href="index.html">Login</a></p>
    </div>
    <script src="script.js"></script>
</body>
</html>
```

```
File Edit Selection View Go Run Terminal Help ← →
ps_10.html signup.html styles1.css script.js forgot_password.html forgot_pass...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <link rel="stylesheet" href="styles1.css">
7     <title>Forgot Password</title>
8 </head>
9 <body>
10    <div class="container">
11        <h2>Forgot Password</h2>
12        <form id="forgotPasswordForm">
13            <input type="text" id="resetUsername" placeholder="Username" required>
14            <button type="submit">Reset Password</button>
15        </form>
16        <p>Remember your password? <a href="index.html">Login</a></p>
17    </div>
18    <script src="script.js"></script>
19 </body>
20 </html>
21
```

```
File Edit Selection View Go Run Terminal Help ← →
ps_10.html signup.html styles1.css script.js forgot_password.html forgot_pass...
1 // forgot_password.js -
2 document.getElementById("forgotPasswordForm").addEventListener("submit", function (e) {
3     e.preventDefault();
4     const resetUsername = document.getElementById("resetUsername").value;
5
6     // Check if the username exists in the database (simulated database)
7     const user = users.find(u => u.username === resetUsername);
8
9     if (user) {
10         // In a real application, you would send a password reset link to the user's email.
11         // For this example, we'll simulate it with an alert.
12         alert("A password reset link has been sent to your email.");
13     } else {
14         // Redirect to a page indicating that the username does not exist
15         alert("Username not found. Please check the username and try again.");
16     }
17});
```

/\*

## Script.js

\*/

```
// Simulated user database
const users = [
  { username: "user1", password: "password1" },
  { username: "user2", password: "password2" },
  // Add more users as needed
];

document.getElementById("loginForm").addEventListener("submit", function (e) {
  e.preventDefault();
  const loginUsername = document.getElementById("loginUsername").value;
  const loginPassword = document.getElementById("loginPassword").value;

  // Check if the username and password match a user in the database
  const user = users.find(u => u.username === loginUsername && u.password === loginPassword);

  if (user) {
    // Redirect to the login success page or perform any other actions you need
    alert("Login successful!");
    window.location.href = "login_success.html";
  } else {
    // Redirect to the invalid password page or display an error message
    alert("Invalid username or password. Please try again.");
  }
});

document.getElementById("signupForm").addEventListener("submit", function (e) {
  e.preventDefault();
  const signupUsername = document.getElementById("signupUsername").value;
  const signupPassword = document.getElementById("signupPassword").value;

  // Check if the username already exists in the database
  const existingUser = users.find(u => u.username === signupUsername);

  if (existingUser) {
    // Redirect to a page indicating that the username is already taken
    alert("Username is already taken. Please choose another.");
  } else {
    // Add the new user to the database (in a real application, you would send this data to a server)
    users.push({ username: signupUsername, password: signupPassword });

    // Redirect to the login page or perform any other actions you need
    alert("Registration successful! You can now log in.");
    window.location.href = "index.html";
  }
});
```

```
/* Reset some default browser styles */
body, h1, h2, p, form {
    margin: 70px;
    padding: 0;
}

/* Style the container */
.container {
    max-width: 400px;
    margin: 0 auto;
    padding: 20px;
    text-align: center;
    border: 1px solid #ccc;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    background-color: #fff;
}

/* Style headings */
h2 {
    margin-bottom: 20px;
    color: #333;
}

/* Style form elements */
form {
    display: flex;
    flex-direction: column;
    align-items: center;
}

input[type="text"],
input[type="password"] {
    width: 100%;
    padding: 10px;
    margin: 10px 0;
    border: 1px solid #ccc;
    border-radius: 5px;
}

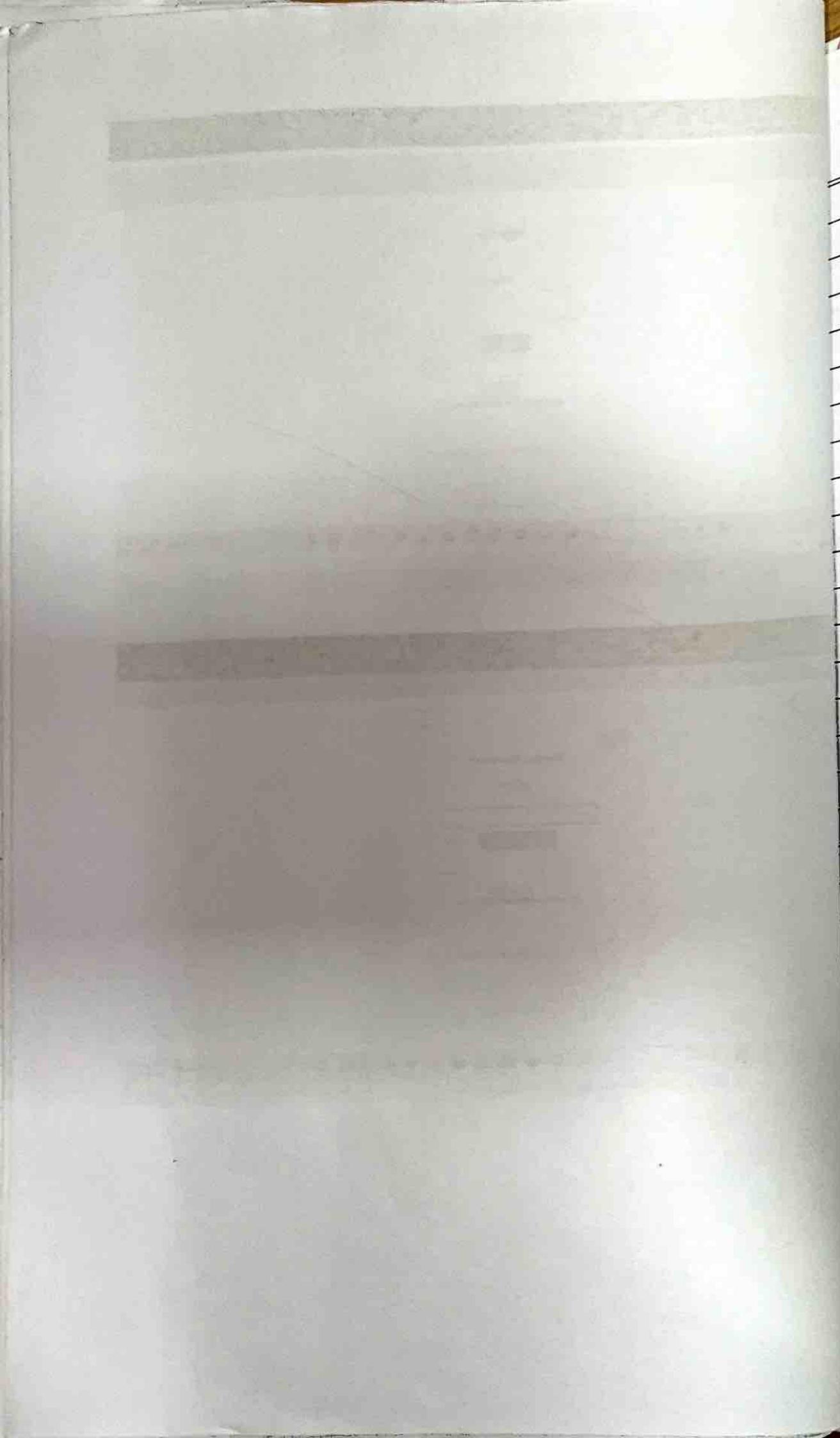
button {
    background-color: #007bff;
    color: #fff;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
```

```
}

/* Style links */
a {
    color: #007bff;
    text-decoration: none;
}

/* Style the logout link */
.container a {
    display: inline-block;
    margin-top: 20px;
}

/* Responsive styles */
@media (max-width: 600px) {
    .container {
        max-width: 90%;
    }
}
```



## Sign-up Page:

- The sign-up page allows new user to create an account by providing a username and password.

## Forgot password page:

- The forgot password page provides a way for users to reset their password if they've forgotten it.

## Security Considerations:

- In a production environment, security is a top priority. Passwords should be securely hashed and salted before storage.
- Data transmission between the client and server should be encrypted using HTTPS.

~~Result: Complete user registration website using HTML | CSS | JS is created and implemented successfully.~~

~~Kuagh  
20/10/2023~~