**WEB DEVELOPMENT**

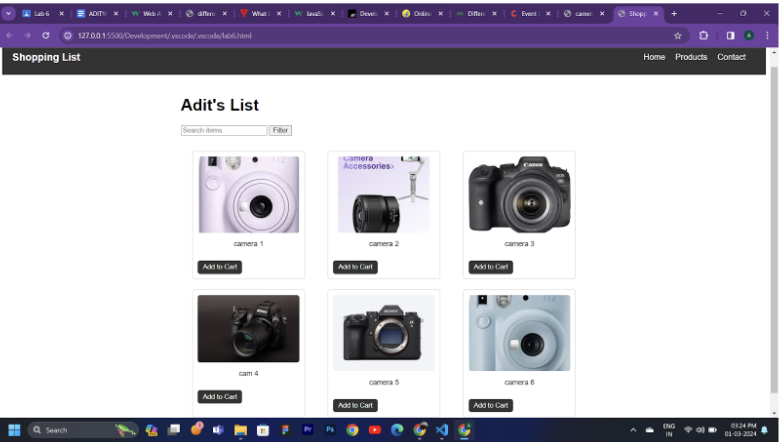
**LAB-7**

NAME- Aditya Kumar

ROLL No - 22it3002

BRANCH- INFORMATION TECHNOLOGY

1. <html lang="en">
2. <head>
3. <meta charset="UTF-8">
4. <meta name="viewport" content="width=device-width, initial-scale=1.0">
5. <title>Shopping List</title>
6. </head>
7. <style>
8. body {
9. font-family: Arial, sans-serif;
10. }
11. .navbar {
12. display: flex;
13. justify-content: space-between;
14. align-items: center;
15. background-color: #333;
16. color: #fff;
17. padding: 10px 20px;
18. }
19. .logo {
20. font-size: 20px;
21. font-weight: bold;
22. }
23. .menu-toggle {
24. display: none;
25. cursor: pointer;
26. }
27. .hamburger-menu {
28. display: none;
29. cursor: pointer;
30. }
31. .hamburger-menu div {
32. width: 30px;
33. height: 3px;
34. background-color: #fff;
35. margin: 5px;
36. }
37. .line {
38. width: 25px;
39. height: 3px;
40. background-color: #fff;
41. margin: 5px;
42. }
43. .menu {
44. display: flex;
45. list-style: none;
46. }
47. .menu li {
48. margin-right: 20px;
49. }
50. .menu a {
51. color: #fff;
52. text-decoration: none;
53. }
54. .container {
55. max-width: 800px;
56. margin: 0 auto;
57. padding: 20px;
58. }
59. .search-container {
60. margin-bottom: 20px;
61. }
62. .items {
63. display: flex;
64. flex-wrap: wrap;
65. justify-content: space-around;
66. }
67. .item {
68. margin: 10px;
69. padding: 10px;
70. border: 1px solid #ccc;
71. border-radius: 5px;
72. width: 200px;
73. transition: transform 0.3s ease-in-out;
74. }
75. .item:hover {
76. transform: scale(1.05);
77. }
78. .item-img {
79. width: 100%;
80. max-height: 150px;
81. object-fit: cover;
82. border-radius: 5px;
83. }
84. .item-desc {
85. font-size: 14px;
86. margin-top: 10px;
87. text-align: center;
88. }
89. .add-to-cart-btn {
90. margin-top: 10px;
91. padding: 5px 10px;
92. background-color: #333;
93. color: #fff;
94. border: none;
95. border-radius: 5px;
96. cursor: pointer;
97. transition: background-color 0.3s;
98. }
99. .add-to-cart-btn:hover {
100. background-color: #555;
101. }
102. .cart {
103. display: none;
104. width: 200px;
105. border: 1px solid #ccc;
106. border-radius: 5px;
107. padding: 10px;
108. position: fixed;
109. top: 50px;
110. right: 20px;
111. background-color: #fff;
112. }
113. .cart h2 {
114. margin-bottom: 10px;
115. }
116. .cart ul {
117. padding: 0;
118. }
119. .cart-item {
120. list-style: none;
121. margin-bottom: 5px;
122. }
123. </style>
124. <body>
125. <div class="navbar">
126. <div class="logo">Shopping List</div>
127. <div class="menu-toggle" onclick="toggleMenu()">
128. <div class="line"></div>
129. <div class="line"></div>
130. <div class="line"></div>
131. </div>
132. <div class="hamburger-menu" onclick="toggleMenu()">
133. <div></div>
134. <div></div>
135. <div></div>
136. </div>
137. <ul class="menu">
138. <li><a href="#">Home</a></li>
139. <li><a href="#">Products</a></li>
140. <li><a href="#">Contact</a></li>
141. </ul>
142. </div>
143. <div class="container">
144. <h1>Adit's List</h1>
145. <div class="search-container">
146. <input type="text" id="search" placeholder="Search items">
147. <button onclick="filterItems()">Filter</button>
148. </div>
149. <div class="items">
150. <div class="item">
151. <img src="omg (1).jpg" alt="Item 1" class="item-img">
152. <p class="item-desc">camera 1</p>
153. <button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>
154. </div>
155. <div class="item">
156. <img src="omg (2).jpg" alt="Item 2" class="item-img">
157. <p class="item-desc">camera 2</p>
158. <button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>
159. </div>
160. <div class="item">
161. <img src="omg (3).jpg" alt="Item 3" class="item-img">
162. <p class="item-desc">camera 3</p>
163. <button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>
164. </div>
165. <div class="item">
166. <img src="omg (4).jpg" alt="Item 4" class="item-img">
167. <p class="item-desc">cam 4</p>
168. <button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>
169. </div>
170. <div class="item">
171. <img src="omg (5).jpg" alt="Item 5" class="item-img">
172. <p class="item-desc">camera 5</p>
173. <button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>
174. </div>
175. <div class="item">
176. <img src="omg (6).jpg" alt="Item 6" class="item-img">
177. <p class="item-desc">camera 6</p>
178. <button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>
179. </div>
181. </div>
182. </div>
183. <div class="cart">
184. <h2>Cart</h2>
185. <ul id="cart-items">
186. </ul>
187. </div>
188. <script > function toggleMenu() {
189. const menu = document.querySelector('.menu');
190. menu.style.display = menu.style.display === 'none' ? 'flex' : 'none';
191. }
192. function filterItems() {
193. const searchValue = document.getElementById('search').value.toLowerCase();
194. const items = document.querySelectorAll('.item');
196. items.forEach(item => {
197. const description = item.querySelector('.item-desc').textContent.toLowerCase();
198. if (description.includes(searchValue)) {
199. item.style.display = 'block';
200. } else {
201. item.style.display = 'none';
202. }
203. });
204. }
205. function addToCart(button) {
206. const item = button.parentElement;
207. const itemDesc = item.querySelector('.item-desc').textContent;
209. const cartItems = document.getElementById('cart-items');
210. const newItem = document.createElement('li');
211. newItem.textContent = itemDesc;
212. newItem.classList.add('cart-item');
214. cartItems.appendChild(newItem);
216. showCart();
217. }
218. function showCart() {
219. const cart = document.querySelector('.cart');
220. cart.style.display = 'block';
221. }</script>
222. <script>
223. // Function to add item to cart and store it in localStorage
224. function addToCart(button) {
225. const item = button.parentElement;
226. const itemDesc = item.querySelector('.item-desc').textContent;
228. // Retrieve existing cart items from localStorage
229. let cartItems = JSON.parse(localStorage.getItem('cartItems')) || [];
231. // Add new item to cart
232. cartItems.push(itemDesc);
234. // Store updated cart items in localStorage
235. localStorage.setItem('cartItems', JSON.stringify(cartItems));
237. showCart();
238. }
239. // Function to display cart items from localStorage
240. function showCart() {
241. const cart = document.querySelector('.cart');
242. const cartItems = document.getElementById('cart-items');
244. // Retrieve cart items from localStorage
245. const storedCartItems = JSON.parse(localStorage.getItem('cartItems')) || [];
247. // Clear existing cart items
248. cartItems.innerHTML = '';
250. // Populate cart with stored items
251. storedCartItems.forEach(itemDesc => {
252. const newItem = document.createElement('li');
253. newItem.textContent = itemDesc;
254. newItem.classList.add('cart-item');
255. cartItems.appendChild(newItem);
256. });
258. cart.style.display = 'block';
259. }
260. // Call showCart function when the page loads to populate the cart
261. window.addEventListener('load', showCart);
262. </script>
263. </body>
264. </html>

**OUTPUT:-**

**2.<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Shopping List</title>**

**</head>**

**<style>**

**body {**

**font-family: Arial, sans-serif;**

**}**

**.navbar {**

**display: flex;**

**justify-content: space-between;**

**align-items: center;**

**background-color: #333;**

**color: #fff;**

**padding: 10px 20px;**

**}**

**.logo {**

**font-size: 20px;**

**font-weight: bold;**

**}**

**.menu-toggle {**

**display: none;**

**cursor: pointer;**

**}**

**.hamburger-menu {**

**display: none;**

**cursor: pointer;**

**}**

**.hamburger-menu div {**

**width: 30px;**

**height: 3px;**

**background-color: #fff;**

**margin: 5px;**

**}**

**.line {**

**width: 25px;**

**height: 3px;**

**background-color: #fff;**

**margin: 5px;**

**}**

**.menu {**

**display: flex;**

**list-style: none;**

**}**

**.menu li {**

**margin-right: 20px;**

**}**

**.menu a {**

**color: #fff;**

**text-decoration: none;**

**}**

**.container {**

**max-width: 800px;**

**margin: 0 auto;**

**padding: 20px;**

**}**

**.search-container {**

**margin-bottom: 20px;**

**}**

**.items {**

**display: flex;**

**flex-wrap: wrap;**

**justify-content: space-around;**

**}**

**.item {**

**margin: 10px;**

**padding: 10px;**

**border: 1px solid #ccc;**

**border-radius: 5px;**

**width: 200px;**

**transition: transform 0.3s ease-in-out;**

**}**

**.item:hover {**

**transform: scale(1.05);**

**}**

**.item-img {**

**width: 100%;**

**max-height: 150px;**

**object-fit: cover;**

**border-radius: 5px;**

**}**

**.item-desc {**

**font-size: 14px;**

**margin-top: 10px;**

**text-align: center;**

**}**

**.add-to-cart-btn {**

**margin-top: 10px;**

**padding: 5px 10px;**

**background-color: #333;**

**color: #fff;**

**border: none;**

**border-radius: 5px;**

**cursor: pointer;**

**transition: background-color 0.3s;**

**}**

**.add-to-cart-btn:hover {**

**background-color: #555;**

**}**

**.cart {**

**display: none;**

**width: 200px;**

**border: 1px solid #ccc;**

**border-radius: 5px;**

**padding: 10px;**

**position: fixed;**

**top: 50px;**

**right: 20px;**

**background-color: #fff;**

**}**

**.cart h2 {**

**margin-bottom: 10px;**

**}**

**.cart ul {**

**padding: 0;**

**}**

**.cart-item {**

**list-style: none;**

**margin-bottom: 5px;**

**}**

**</style>**

**<body>**

**<div class="navbar">**

**<div class="logo">Shopping List</div>**

**<div class="menu-toggle" onclick="toggleMenu()">**

**<div class="line"></div>**

**<div class="line"></div>**

**<div class="line"></div>**

**</div>**

**<div class="hamburger-menu" onclick="toggleMenu()">**

**<div></div>**

**<div></div>**

**<div></div>**

**</div>**

**<ul class="menu">**

**<li><a href="#">Home</a></li>**

**<li><a href="#">Products</a></li>**

**<li><a href="#">Contact</a></li>**

**</ul>**

**</div>**

**<div class="container">**

**<h1>Adit's List</h1>**

**<div class="search-container">**

**<input type="text" id="search" placeholder="Search items">**

**<button onclick="filterItems()">Filter</button>**

**</div>**

**<div class="items">**

**<div class="item">**

**<img src="omg (1).jpg" alt="Item 1" class="item-img">**

**<p class="item-desc">camera 1</p>**

**<button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>**

**</div>**

**<div class="item">**

**<img src="omg (2).jpg" alt="Item 2" class="item-img">**

**<p class="item-desc">camera 2</p>**

**<button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>**

**</div>**

**<div class="item">**

**<img src="omg (3).jpg" alt="Item 3" class="item-img">**

**<p class="item-desc">camera 3</p>**

**<button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>**

**</div>**

**<div class="item">**

**<img src="omg (4).jpg" alt="Item 4" class="item-img">**

**<p class="item-desc">cam 4</p>**

**<button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>**

**</div>**

**<div class="item">**

**<img src="omg (5).jpg" alt="Item 5" class="item-img">**

**<p class="item-desc">camera 5</p>**

**<button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>**

**</div>**

**<div class="item">**

**<img src="omg (6).jpg" alt="Item 6" class="item-img">**

**<p class="item-desc">camera 6</p>**

**<button class="add-to-cart-btn" onclick="addToCart(this)">Add to Cart</button>**

**</div>**

**</div>**

**</div>**

**<div class="cart">**

**<h2>Cart</h2>**

**<ul id="cart-items">**

**</ul>**

**</div>**

**<script > function toggleMenu() {**

**const menu = document.querySelector('.menu');**

**menu.style.display = menu.style.display === 'none' ? 'flex' : 'none';**

**}**

**function filterItems() {**

**const searchValue = document.getElementById('search').value.toLowerCase();**

**const items = document.querySelectorAll('.item');**

**items.forEach(item => {**

**const description = item.querySelector('.item-desc').textContent.toLowerCase();**

**if (description.includes(searchValue)) {**

**item.style.display = 'block';**

**} else {**

**item.style.display = 'none';**

**}**

**});**

**}**

**function addToCart(button) {**

**const item = button.parentElement;**

**const itemDesc = item.querySelector('.item-desc').textContent;**

**const cartItems = document.getElementById('cart-items');**

**const newItem = document.createElement('li');**

**newItem.textContent = itemDesc;**

**newItem.classList.add('cart-item');**

**cartItems.appendChild(newItem);**

**showCart();**

**}**

**function showCart() {**

**const cart = document.querySelector('.cart');**

**cart.style.display = 'block';**

**}</script>**

**<script>**

**// Function to add item to cart and store it in localStorage**

**function addToCart(button) {**

**const item = button.parentElement;**

**const itemDesc = item.querySelector('.item-desc').textContent;**

**// Retrieve existing cart items from localStorage**

**let cartItems = JSON.parse(localStorage.getItem('cartItems')) || [];**

**// Add new item to cart**

**cartItems.push(itemDesc);**

**// Store updated cart items in localStorage**

**localStorage.setItem('cartItems', JSON.stringify(cartItems));**

**showCart();**

**}**

**// Function to display cart items from localStorage**

**function showCart() {**

**const cart = document.querySelector('.cart');**

**const cartItems = document.getElementById('cart-items');**

**// Retrieve cart items from localStorage**

**const storedCartItems = JSON.parse(localStorage.getItem('cartItems')) || [];**

**// Clear existing cart items**

**cartItems.innerHTML = '';**

**// Populate cart with stored items**

**storedCartItems.forEach(itemDesc => {**

**const newItem = document.createElement('li');**

**newItem.textContent = itemDesc;**

**newItem.classList.add('cart-item');**

**cartItems.appendChild(newItem);**

**});**

**cart.style.display = 'block';**

**}**

**// Call showCart function when the page loads to populate the cart**

**window.addEventListener('load', showCart);**

**</script>**

**<script>**

**<script>**

**// Function to update and display access count**

**function updateAccessCount() {**

**// Retrieve current access count from localStorage**

**let accessCount = localStorage.getItem('accessCount');**

**// If access count is null (first time visit), set it to 0**

**if (accessCount === null) {**

**accessCount = 0;**

**} else {**

**// If not null, parse the count to integer**

**accessCount = parseInt(accessCount);**

**}**

**// Increment the access count**

**accessCount++;**

**// Update the access count in localStorage**

**localStorage.setItem('accessCount', accessCount);**

**// Display the access count on the page**

**document.getElementById('accessCount').textContent = accessCount;**

**}**

**// Call the updateAccessCount function when the page loads**

**window.addEventListener('load', updateAccessCount);**

**</script>**

**</script>**

**</body>**

**</html>**