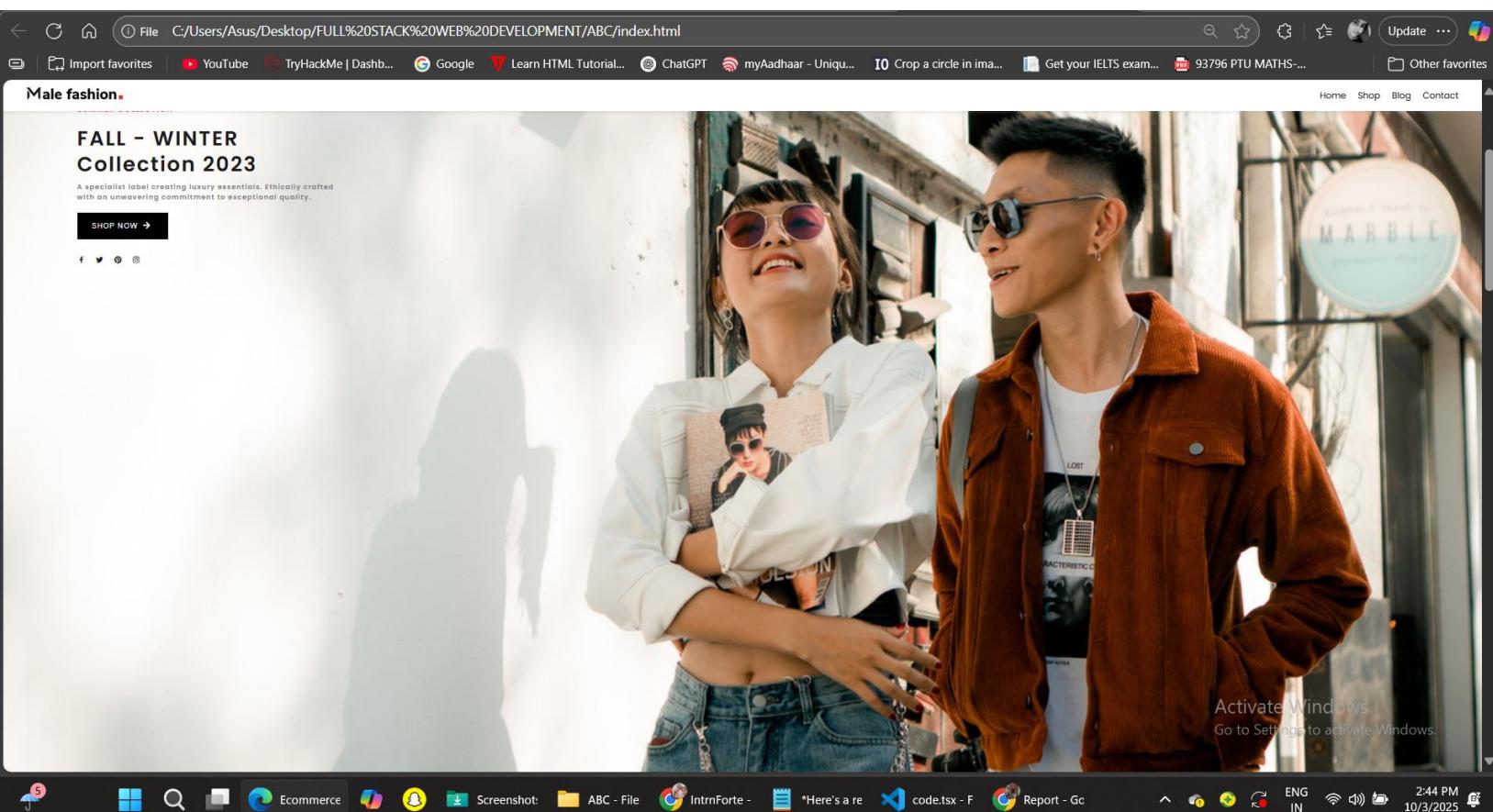


# PROJECT REPORT

Ecommerce product listing / FULL STACK WEB DEVELOPMENT

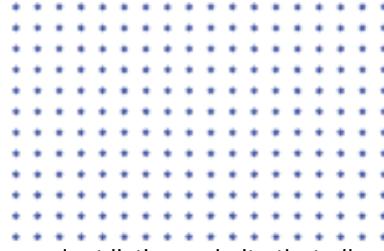
Submitted by: ISHNEET KAUR

Submitted on:





# INTRODUCTION



This project aims to develop a simple yet functional e-commerce product listing website that allows users to browse, search, and view details of various products. The primary goals are to create an intuitive user interface for product discovery, implement basic interactivity like filtering and cart functionality, and ensure the site is responsive across devices. The objectives include demonstrating proficiency in front-end web technologies while simulating a backend-like experience using client-side storage. The website focuses on product listing without full payment integration, emphasizing usability and performance. Technologies used include HTML5 for structure, CSS3 with Bootstrap for styling, and JavaScript (ES6+) for dynamic features like product rendering and local storage for cart persistence. No server-side backend is implemented to keep the project lightweight and frontend-focused, but it can be extended with Node.js or Firebase in future iterations.

## PROJECT STRUCTURE

The project is organized into a simple folder structure for maintainability.

Root files: HTML pages serve as entry points.

css/: Contains custom styles to enhance Bootstrap.

js/: Modular JavaScript files for separation of concerns.

images/: Static assets for product visuals.

The structure is flat and scalable, allowing easy addition of more pages or assets.

## TECHNICAL STACK

**Programming Languages:** HTML5, CSS3, JavaScript (ES6+).

**Frameworks/Libraries:**

- Bootstrap 5: For responsive design, grid system, and UI components (e.g., cards for products, modals for details).

- No backend framework; client-side only.

## Tools and Others:

**LocalStorage API:** For persisting cart data in the browser.

**JSON:** For mock product data storage.

**Development Tools:** VS Code (editor), Live Server extension for local preview, Chrome DevTools for debugging.

**No database server;** simulated with JavaScript arrays.

This stack ensures the project is quick to develop, deployable as static files and beginner-friendly.

## FEATURES AND FUNCTIONALITIES

The website implements the following key features:

- **Product Listing:** Displays a grid of products on the homepage, fetched from a JavaScript array (mock database). Each product card shows image, name, price, and a short description.
- **Search Functionality:** A search bar allows users to filter products by name or description in real-time using JavaScript's **filter()** method.
- **Category Filtering:** Dropdown or buttons to filter products by category (e.g., Electronics, Clothing). Updates the grid dynamically without page reload.

- **Product Details View:** Clicking a product card navigates to a details page showing full description, larger image, price, and an "Add to Cart" button.
- **Shopping Cart:** Users can add/remove items, view cart summary (total price calculated dynamically), and persist cart via LocalStorage. Includes quantity controls.
- **Responsive Design:** Fully mobile-friendly using Bootstrap's grid; collapses to a single column on small screens.
- **Navigation:** Simple navbar with links to Home, Cart, and a footer with basic info.
- **Error Handling:** Graceful fallbacks, e.g., "No products found" message for empty search results.

All interactions are client-side for speed, with no external API calls to keep it self-contained.

## SCREENSHOTS AND VISUALS

SOURCE CODE :

[HTML]

FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
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  |   <title>Ecommerce Store</title>
7  |   <link rel="stylesheet" href="style.css" />
8  |   <link href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css" rel='stylesheet'>
9  </head>
10 <body>
11     <section class=" top-txt " >
12         <div class="head container " >
13             <div class="head-txt " >
14                 |     <p>Free shipping, 30-day return or refund guarantee.</p>
15             </div>
16             <div class="sing_in_up " >
17                 |     <a href="#" >SIGN IN</a>
18                 |     <a href="#" >SIGN UP</a>
19             </div>
20         </div>
21     </section>
22     <nav class="navbar">
23         <div class="navbar-container">
24             <input type="checkbox" name="" id="checkbox">
25             <div class="hamburger-lines">
26                 |     <span class="line line1"></span>
27                 |     <span class="line line2"></span>
28                 |     <span class="line line3"></span>
29             </div>
30             <ul class="menu-items">
31                 |     <li><a href="#home">Home</a></li>
32                 |     <li><a href="#sellers">Shop</a></li>
33                 |     <li><a href="#news">Blog</a></li>
34                 |     <li><a href="#contact">Contact</a></li>
35             </ul>
36             <div class="logo">
37                 |     
38             </div>
39         </div>
40     </nav>
41     <section id="home">
42         <div class="home_page ">
43             <div class="home_img ">
44                 |     
45             </div>
46             <div class="home_txt ">
47                 |     <p class="collection ">SUMMER COLLECTION</p>
```

Activate Windows  
Go to Settings to activate Windows.

Ln 26, Col 49 Spaces: 4 UTF-8 CRLF {} HTML

FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
41      <section id="home">
42          <div class="home_page ">
46              <div class="home_txt ">
47                  <p class="collectio ">SUMMER COLLECTION</p>
48                  <h2>FALL - WINTER<br>Collection 2023</h2>
49                  <div class="home_label ">
50                      <p>A specialist label creating luxury essentials. Ethically crafted<br>with an unwavering
51                      </div>
52                      <button><a href="#sellers">SHOP NOW</a><i class='bx bx-right-arrow-alt'></i></button>
53                      <div class="home_social_icons">
54                          <a href="#"><i class='bx bxl-facebook'></i></a>
55                          <a href="#"><i class='bx bxl-twitter'></i></a>
56                          <a href="#"><i class='bx bxl-pinterest'></i></a>
57                          <a href="#"><i class='bx bxl-instagram'></i></a>
58                      </div>
59                  </div>
60          </div>
61      </section>
62
63      <section id="collection">
64          <div class="collections container">
65              <div class="content">
66                  
67                  <div class="img-content">
68                      <p>Clothing Collections</p>
69                      <button><a href="#sellers">SHOP NOW</a></button>
70                  </div>
71          </div>
72          <div class="content2">
73              
74              <div class="img-content2">
75                  <p>Shoes Spring</p>
76                  <button><a href="#sellers">SHOP NOW</a></button>
77              </div>
78          </div>
79          <div class="content3">
80              
81              <div class="img-content3">
82                  <p>Accessories</p>
83                  <button><a href="#sellers">SHOP NOW</a></button>
84              </div>
85          </div>
86      </section>
87
88      <section id="sellers">
```

Activate Windows  
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FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
13    <section id="collection">
17      </section>
18    <section id="sellers">
19      <div class="seller container">
20        <h2>Top Sales</h2>
21        <div class="best-seller">
22          <div class="best-p1">
23            
24            <div class="best-p1-txt">
25              <div class="name-of-p">
26                <p>PS England Shoes</p>
27              </div>
28              <div class="rating">
29                <i class='bx bxs-star'></i>
30                <i class='bx bxs-star'></i>
31                <i class='bx bxs-star'></i>
32                <i class='bx bx-star'></i>
33                <i class='bx bx-star'></i>
34              </div>
35              <div class="price">
36                &dollar;37.24
37              <div class="colors">
38                <i class='bx bxs-circle red'></i>
39                <i class='bx bxs-circle blue'></i>
40                <i class='bx bxs-circle white'></i>
41              </div>
42            </div>
43            <div class="buy-now">
44              <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
45            </div>
46            <div class="add-cart">
47              <button>Add To Cart</button>
48            </div>
49          </div>
50          <div class="best-p1">
51            
52            <div class="best-p1-txt">
53              <div class="name-of-p">
54                <p>PS England Jacket</p>
55              </div>
56              <div class="rating">
57                <i class='bx bxs-star'></i>
58                <i class='bx bxs-star'></i>
59                <i class='bx bx-star'></i>
60              </div>
61            </div>
62          </div>
63        </div>
64      </div>
65    </div>
66  </div>
67  </div>
68  </div>
69  </div>
70  </div>
71  </div>
72  </div>
73  </div>
74  </div>
75  </div>
76  </div>
77  </div>
78  </div>
79  </div>
80  </div>
81  </div>
82  </div>
83  </div>
84  </div>
85  </div>
86  </div>
87  </div>
88  </div>
89  </div>
90  </div>
91  </div>
92  </div>
93  </div>
94  </div>
95  </div>
96  </div>
97  </div>
98  </div>
99  </div>
100 </div>
101 </div>
102 </div>
103 </div>
104 </div>
105 </div>
106 </div>
107 </div>
108 </div>
109 </div>
110 </div>
111 </div>
112 </div>
113 </div>
114 </div>
115 </div>
116 </div>
117 </div>
118 </div>
119 </div>
120 </div>
121 </div>
122 </div>
123 </div>
124 </div>
125 </div>
126 </div>
127 </div>
128 </div>
129 </div>
130 </div>
```

Activate Windows  
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FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
88      <section id="sellers">
89          <div class="seller container">
91              <div class="best-seller">
129                  <i class='bx bxs-star'></i>
130                  <i class='bx bx-star'></i>
131                  <i class='bx bx-star'></i>
132                  <i class='bx bx-star'></i>
133          </div>
134          <div class="price">
135              &dollar;17.24
136          <div class="colors">
137              <i class='bx bxs-circle green'></i>
138              <i class='bx bxs-circle grey'></i>
139              <i class='bx bxs-circle brown'></i>
140          </div>
141          <div class="buy-now">
142              <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
143          </div>
144          <div class="add-cart">
145              <button>Add To Cart</button>
146          </div>
147      </div>
148  </div>
149  <div class="best-p1">
150      
151      <div class="best-p1-txt">
152          <div class="name-of-p">
153              <p>PS England Shirt</p>
154          </div>
155          <div class="rating">
156              <i class='bx bxs-star'></i>
157              <i class='bx bxs-star'></i>
158              <i class='bx bxs-star'></i>
159              <i class='bx bxs-star'></i>
160              <i class='bx bx-star'></i>
161          </div>
162          <div class="price">
163              &dollar;27.24
164          <div class="colors">
165              <i class='bx bxs-circle brown'></i>
166              <i class='bx bxs-circle green'></i>
167              <i class='bx bxs-circle blue'></i>
168          </div>
169      </div>
170  </div>
```

Activate Windows  
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FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
88      <section id="sellers">
89          <div class="seller container">
91              <div class="best-seller">
169                  </div>
170          </div>
171          <div class="buy-now">
172              <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
173          </div>
174          <div class="add-cart">
175              <button>Add To Cart</button>
176          </div>
177      </div>
178  </div>
179  <div class="best-p1">
180      
181      <div class="best-p1-txt">
182          <div class="name-of-p">
183              <p>PS England Shoes</p>
184          </div>
185          <div class="rating">
186              <i class='bx bxs-star'></i>
187              <i class='bx bxs-star'></i>
188              <i class='bx bxs-star'></i>
189              <i class='bx bxs-star'></i>
190              <i class='bx bxs-star'></i>
191          </div>
192          <div class="price">
193              &dollar;43.67
194          <div class="colors">
195              <i class='bx bxs-circle red'></i>
196              <i class='bx bxs-circle grey'></i>
197              <i class='bx bxs-circle blue'></i>
198          </div>
199          <div class="buy-now">
200              <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
201          </div>
202          <div class="add-cart">
203              <button>Add To Cart</button>
204          </div>
205      </div>
206      </div>
207      </div>
208      </div>
209      </div>
210  </div>
```

Activate Windows  
Go to Settings to activate Windows.

Ln 26, Col 49 Spaces: 4 UTF-8 CRLF {} HTML

FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
88      <section id="sellers">
89          <div class="seller container">
91              <div class="best-seller">
209                  </div>
210
211                  </div>
212          </div>
213          <div class="seller container">
214              <h2>New Arrivals</h2>
215              <div class="best-seller">
216                  <div class="best-p1">
217                      
218                      <div class="best-p1-txt">
219                          <div class="name-of-p">
220                              <p>PS England T-Shirt</p>
221                      </div>
222                      <div class="rating">
223                          <i class='bx bxs-star'></i>
224                          <i class='bx bxs-star'></i>
225                          <i class='bx bxs-star'></i>
226                          <i class='bx bxs-star'></i>
227                          <i class='bx bxs-star'></i>
228                      </div>
229                      <div class="price">
230                          &dollar;10.23
231                      <div class="colors">
232                          <i class='bx bxs-circle blank'></i>
233                          <i class='bx bxs-circle blue'></i>
234                          <i class='bx bxs-circle brown'></i>
235                      </div>
236                  </div>
237                  <div class="buy-now">
238                      <button><a href="https://codepen.io/sanketbodke/full/mprZQq">Buy Now</a></button>
239                  </div>
240                  <div class="add-cart">
241                      <button>Add To Cart</button>
242                  </div>
243                  </div>
244          </div>
245          <div class="best-p1">
246              
247              <div class="best-p1-txt">
248                  <div class="name-of-p">
249                      <p>PS England Bag</p>
250                  </div>
251          </div>
```

Activate Windows  
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Ln 26, Col 49 Spaces: 4 UTF-8 CRLF {} HTML

FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
88    <section id="sellers">
213      <div class="seller container">
215        <div class="best-seller">
249          <p>PS England Bag</p>
250          </div>
251          <div class="rating">
252            <i class='bx bxs-star'></i>
253            <i class='bx bx-star'></i>
254            <i class='bx bx-star'></i>
255            <i class='bx bx-star'></i>
256            <i class='bx bx-star'></i>
257          </div>
258          <div class="price">
259            &dollar;09.28
260            <div class="colors">
261              <i class='bx bxs-circle brown'></i>
262              <i class='bx bxs-circle red'></i>
263              <i class='bx bxs-circle green'></i>
264            </div>
265          </div>
266          <div class="buy-now">
267            <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
268          </div>
269          <div class="add-cart">
270            <button>Add To Cart</button>
271          </div>
272        </div>
273      </div>
274      <div class="best-p1">
275        
276        <div class="best-p1-txt">
277          <div class="name-of-p">
278            <p>PS England Sunglass</p>
279          </div>
280          <div class="rating">
281            <i class='bx bxs-star'></i>
282            <i class='bx bxs-star'></i>
283            <i class='bx bx-star'></i>
284            <i class='bx bx-star'></i>
285            <i class='bx bx-star'></i>
286          </div>
287          <div class="price">
288            &dollar;06.24
289            <div class="colors">
290              <i class='bx bxs-circle gray'></i>
```

Activate Windows  
Go to Settings to activate Windows.

Ln 26, Col 49 Spaces: 4 UTF-8 CRLF {} HTML

FULL STACK WEB DEVELOPMENT

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
88    <section id="sellers">
213      <div class="seller container">
215        <div class="best-seller">
289          <div class="colors">
290            <i class='bx bxs-circle grey'></i>
291            <i class='bx bxs-circle blank'></i>
292            <i class='bx bxs-circle blank'></i>
293          </div>
294        </div>
295        <div class="buy-now">
296          <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
297        </div>
298        <div class="add-cart">
299          <button>Add To Cart</button>
300        </div>
301      </div>
302    </div>
303    <div class="best-p1">
304      
305      <div class="best-p1-txt">
306        <div class="name-of-p">
307          <p>PS England Shoes</p>
308        </div>
309        <div class="rating">
310          <i class='bx bxs-star'></i>
311          <i class='bx bxs-star'></i>
312          <i class='bx bxs-star'></i>
313          <i class='bx bxs-star'></i>
314          <i class='bx bxs-star'></i>
315        </div>
316        <div class="price">
317          &dollar;43.67
318        </div>
319        <div class="colors">
320          <i class='bx bxs-circle grey'></i>
321          <i class='bx bxs-circle red'></i>
322          <i class='bx bxs-circle blue'></i>
323        </div>
324        <div class="buy-now">
325          <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
326        </div>
327        <div class="add-cart">
328          <button>Add To Cart</button>
329        </div>
...      </div>
```

Activate Windows  
Go to Settings to activate Windows.

Ln 26, Col 49 Spaces: 4 UTF-8 CRLF {} HTML

File Edit Selection View Go Run Terminal Help 🔍 FULL STACK WEB DEVELOPMENT

style.css JS script.js index.html ✘ code.jsx code.tsx 9+

```
ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1
  2   <html lang="en">
  10  <body>
  88    <section id="sellers">
  213      <div class="seller container">
  215        <div class="best-seller">
  220          <div class="best-p1">
  221            
  222            <div class="best-p1-txt">
  223              <div class="name-of-p">
  224                <p>PS England Shoes</p>
  225              </div>
  226              <div class="rating">
  227                <i class='bx bxs-star'></i>
  228                <i class='bx bxs-star'></i>
  229                <i class='bx bxs-star'></i>
  230                <i class='bx bxs-star'></i>
  231                <i class='bx bxs-star'></i>
  232              </div>
  233              <div class="price">
  234                &dollar;37.24
  235                <div class="colors">
  236                  <i class='bx bxs-circle grey'></i>
  237                  <i class='bx bxs-circle black'></i>
  238                  <i class='bx bxs-circle blue'></i>
  239                </div>
  240              </div>
  241              <div class="buy-now">
  242                <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
  243              </div>
  244            </div>
  245            <div class="best-p1">
  246              
  247              <div class="best-p1-txt">
  248                <div class="name-of-p">
  249                  <p>PS England T-Shirt</p>
  250                </div>
  251                <div class="rating">
```

✖ 269 ▲ 0



FULL STACK WEB DEVELOPMENT

File Edit Selection View Go Run Terminal Help ← →

style.css script.js index.html code.jsx code.tsx 9+

ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1

```
2   <html lang="en">
10  <body>
88    <section id="sellers">
334      <div class="seller container">
336        <div class="best-seller">
407          <i class="bx bxs-circle blue"></i>
408        </div>
409        <div class="buy-now">
410          <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
411        </div>
412      </div>
413      <div class="best-p1">
414        
415        <div class="best-p1-txt">
416          <div class="name-of-p">
417            <p>PS England Bag</p>
418          </div>
419          <div class="rating">
420            <i class="bx bxs-star"></i>
421            <i class="bx bx-star"></i>
422            <i class="bx bx-star"></i>
423            <i class="bx bx-star"></i>
424            <i class="bx bx-star"></i>
425            <i class="bx bx-star"></i>
426          </div>
427        <div class="price">
428          &dollar;09.28
429        <div class="colors">
430          <i class="bx bxs-circle blank"></i>
431          <i class="bx bxs-circle grey"></i>
432          <i class="bx bxs-circle brown"></i>
433        </div>
434      </div>
435      <div class="buy-now">
436        <button><a href="https://codepen.io/sanketbodke/full/mdprZ0q">Buy Now</a></button>
437      </div>
438    </div>
439  </div>
440  </div>
441  </div>
442  </div>
443  </section>
444  <section id="news">
445    <div class="news-heading">
446      <p>LATEST NEWS</p>
447      <h2>Fashion New Trends</h2>
448    </div>
449  </section>
```

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FULL STACK WEB DEVELOPMENT

```
ABC > index.html > html > body > nav.navbar > div.navbar-container > div.hamburger-lines > span.line.line1
2   <html lang="en">
10  <body>
444   <section id="news">
445     <div class="news-heading">
446       <p>LATEST NEWS</p>
447       <h2>Fashion New Trends</h2>
448     </div>
449     <div class="l-news container">
450       <div class="l-news1">
451         <div class="news1-img">
452           
453         </div>
454         <div class="news1-conte">
455           <div class="date-news1">
456             <p><i class='bx bxs-calendar'></i> 22 August 2025</p>
457             <h4>What Curling Irons Are The Best Ones</h4>
458             <a href="https://www.vogue.com/article/best-curling-irons" target="_blank">read more</a>
459           </div>
460         </div>
461       </div>
462       <div class="l-news2">
463         <div class="news2-img">
464           
465         </div>
466         <div class="news2-conte">
467           <div class="date-news2">
468             <p><i class='bx bxs-calendar'></i> 22 August 2025</p>
469             <h4>The Health Benefits Of Sunglasses</h4>
470             <a href="https://www.rivieraopticare.com/blog/314864-the-health-benefits-of-wearing-sunglasses_2/" target="_blank">read more</a>
471           </div>
472         </div>
473       </div>
474       <div class="l-news3">
475         <div class="news3-img">
476           
477         </div>
478         <div class="news3-conte">
479           <div class="date-news3">
480             <p><i class='bx bxs-calendar'></i> 22 August 2025</p>
481             <h4>Eternity Bands Do Last Forever</h4>
482             <a href="https://www.briangavindiamonds.com/news/eternity-bands-symbolize-love-that-lasts-forever/" target="_blank">read more</a>
483           </div>
484         </div>
485       </div>
486     </div>
487   </section>
488   <section id="contact">
```

## [CSS CODE]

The screenshot shows a code editor interface with the title bar "FULL STACK WEB DEVELOPMENT". The left sidebar contains icons for file operations like Open, Save, Find, Cut, Copy, Paste, Undo, Redo, and a gear for settings. The top navigation bar includes File, Edit, Selection, View, and other standard options.

The main workspace displays the following CSS code:

```
ABC > style.css > ...
1  @import url("https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800&display=swap");
2  *
3    margin: 0;
4    padding: 0;
5    box-sizing: border-box;
6  }
7
8  body {
9    font-family: "Poppins", sans-serif;
10 }
11
12 .container {
13   max-width: 1200px;
14   width: 90%;
15   margin: 0 auto;
16 }
17
18 /*top text */
19
20 :root {
21   /* Color */
22   --primary-color: #ff3c78;
23   --light-black: #rgba(0, 0, 0, 0.89);
24   --black: #0000;
25   --white: #fff;
26   --grey: #aaa;
27 }
28
29
30 /* top text */
31
32 .top-txt {
33   background-color: var(--black);
34 }
35
36 .head {
37   display: flex;
38   justify-content: space-between;
39   color: #rgba(255, 255, 0.945);
40   padding: 10px 0;
41   font-size: 14px;
42 }
43
44 .head a {
45   text-decoration: none;
46   color: #rgba(255, 255, 0.945);
47   margin: 0 10px;
48 }
49
50
```

The status bar at the bottom shows "Ln 1235, Col 4" and "Activate Windows Go to Settings to activate Windows."

The screenshot shows a code editor interface with the title bar "FULL STACK WEB DEVELOPMENT". The left sidebar contains icons for file operations like Open, Save, Find, Cut, Copy, Paste, Undo, Redo, and a gear for settings. The top navigation bar includes File, Edit, Selection, View, and other standard options.

The main workspace displays the following CSS code:

```
ABC > style.css > ...
50
51 /* Navabar */
52
53 .navbar input[type="checkbox"],
54 .navbar_hamburger-lines {
55   display: none;
56 }
57
58 .navbar {
59   box-shadow: 0 5px 4px #rgb(146 161 176 / 15%);
60   position: sticky;
61   top: 0;
62   background: var(-white);
63   color: var(-black);
64   z-index: 100;
65 }
66
67 .navbar-container {
68   display: flex;
69   justify-content: space-between;
70   align-items: center;
71   height: 64px;
72 }
73
74 .navbar img {
75   margin-left: 3rem;
76 }
77
78 .menu-items {
79   order: 2;
80   display: flex;
81   margin-right: 3rem;
82 }
83
84 .menu-items li {
85   list-style: none;
86   margin-left: 1.5rem;
87   font-size: 1.2rem;
88 }
89
90 .navbar-container ul {
91   text-decoration: none;
92   color: var(-black);
93   font-size: 18px;
94   position: relative;
95 }
96
97 .navbar-container ul a::after {
98   content: "";
99 }
```

The status bar at the bottom shows "Ln 1235, Col 4" and "Activate Windows Go to Settings to activate Windows."

FULL STACK WEB DEVELOPMENT

ABC > style.css > ...

```
98 .navbar-container ul a::after {  
99   content: "";  
100  position: absolute;  
101  background: var(--primary-color);  
102  height: 3px;  
103  width: 0;  
104  left: 0;  
105  bottom: -10px;  
106  transition: 0.3s;  
107 }  
108  
109 .navbar-container ul a:hover::after {  
110  width: 100%;  
111 }  
112  
113 @media (max-width: 768px) {  
114   .navbar {  
115     opacity: 0.95;  
116   }  
117   .navbar-container input[type="checkbox"],  
118   .navbar-container .hamburger-lines {  
119     display: block;  
120   }  
121   .navbar-container {  
122     display: block;  
123     position: relative;  
124     height: 64px;  
125   }  
126   .navbar-container input[type="checkbox"] {  
127     position: absolute;  
128     display: block;  
129     height: 32px;  
130     width: 30px;  
131     top: 20px;  
132     left: 20px;  
133     z-index: 5;  
134     opacity: 0;  
135     cursor: pointer;  
136   }  
137   .navbar-container .hamburger-lines {  
138     display: block;  
139     height: 28px;  
140     width: 35px;  
141     position: absolute;  
142     top: 20px;  
143     left: 20px;  
144     z-index: 2;  
145     display: flex;  
146     flex-direction: column;  
147     justify-content: space-between;
```

X (269) ▲ 0 🔍 Ln 1235, Col 4

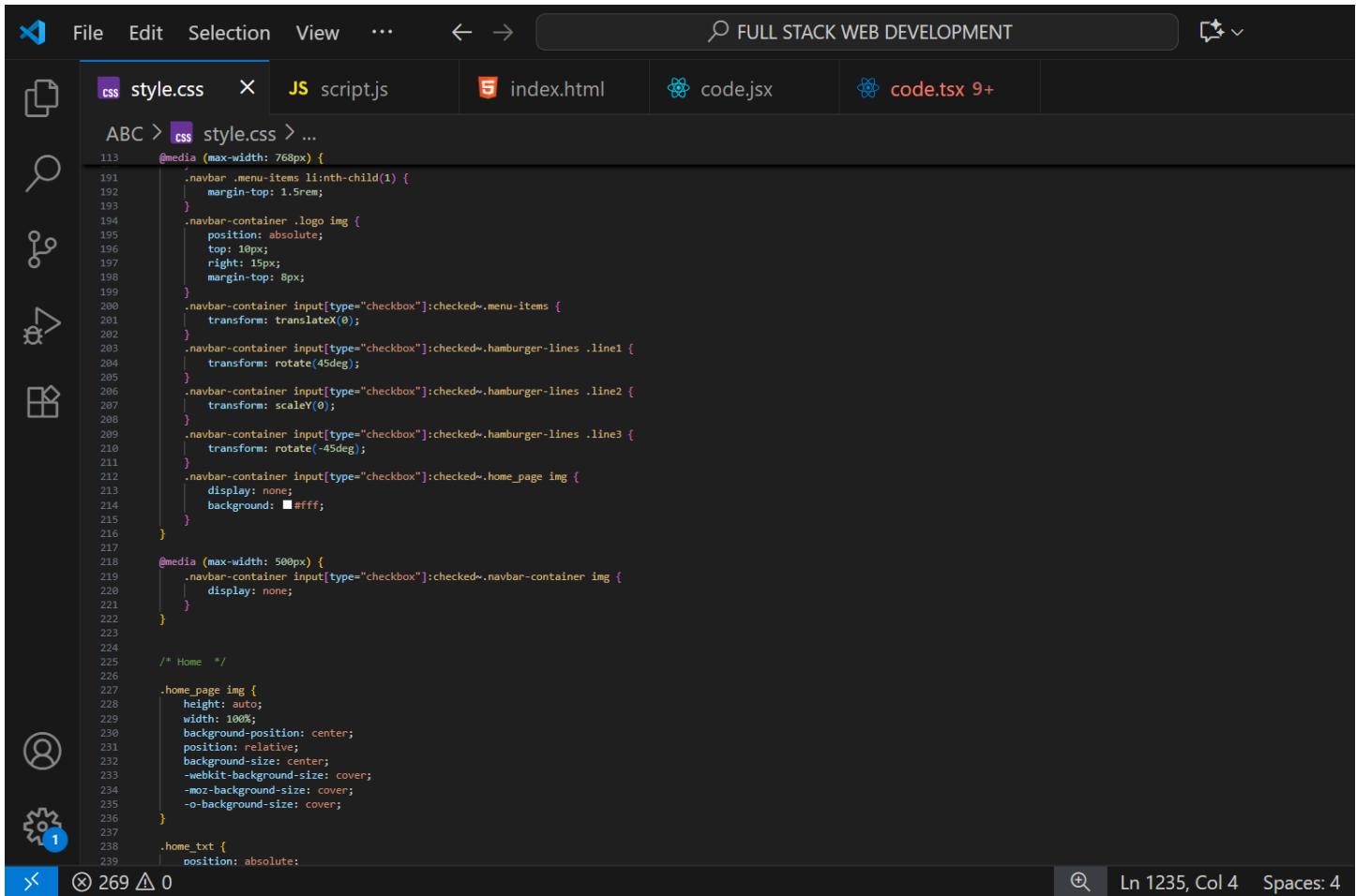
File Edit Selection View ... 🔍 FULL STACK WEB DEVELOPMENT

css style.css X JS script.js index.html code.jsx code.tsx 9+

ABC > style.css > ...

```
113 @media (max-width: 768px) {  
137     .navbar-container .hamburger-lines {  
143         left: 0px;  
144         z-index: 2;  
145         display: flex;  
146         flex-direction: column;  
147         justify-content: space-between;  
148     }  
149     .navbar-container .hamburger-lines .line {  
150         display: block;  
151         height: 4px;  
152         width: 100%;  
153         border-radius: 10px;  
154         background: #333;  
155     }  
156     .navbar-container .hamburger-lines .line1 {  
157         transform-origin: 0% 0%;  
158         transition: transform 0.3s ease-in-out;  
159     }  
160     .navbar-container .hamburger-lines .line2 {  
161         transition: transform 0.2s ease-in-out;  
162     }  
163     .navbar-container .hamburger-lines .line3 {  
164         transform-origin: 0% 100%;  
165         transition: transform 0.3s ease-in-out;  
166     }  
167     .navbar .menu-items {  
168         padding-top: 100px;  
169         background: #fff;  
170         height: 100vh;  
171         max-width: 100%;  
172         transform: translate(-150%);  
173         display: flex;  
174         flex-direction: column;  
175         /* margin-left: -40px;  
176         padding-left: 40px; */  
177         text-align: center;  
178         transition: transform 0.5s ease-in-out;  
179         /* box-shadow: 5px 0px 10px 0px #aaa; */  
180         overflow: scroll;  
181     }  
182     .navbar .menu-items li {  
183         margin-bottom: 2rem;  
184         font-size: 1.1rem;  
185         font-weight: 500;  
186     }  
187     .menu-items li,  
188     .navbar img {  
189         margin: 0;  
190     }
```

x ⚡ 269 △ 0 ⚡ Ln 1235, Col 4 Spaces: 4



A screenshot of a code editor interface. At the top, there's a navigation bar with File, Edit, Selection, View, and other options. A search bar on the right contains the text "FULL STACK WEB DEVELOPMENT". Below the navigation bar, there are several tabs: "style.css" (selected), "script.js", "index.html", "code.jsx", and "code.tsx 9+". On the far left, there's a vertical sidebar with various icons: a file, a magnifying glass, a gear, a person, and a gear with a '1'.

The main area shows the content of the "style.css" file:

```
ABC > style.css > ...  
237 .home_txt {  
238     position: absolute;  
239     top: 3%;  
240     left: 5%;  
241 }  
242 .home_txt p {  
243     color: var(--primary-color);  
244     font-weight: 600;  
245     padding-bottom: 20px;  
246     letter-spacing: 1.5px;  
247 }  
248 .home_txt h2 {  
249     font-size: 2.6rem;  
250     font-weight: 500;  
251     line-height: 53px;  
252     letter-spacing: 3px;  
253     font-weight: 600;  
254     color: var(--light-black);  
255 }  
256 .home_txt .home_label p {  
257     color: #grey;  
258     font-size: 14px;  
259     padding-top: 10px;  
260 }  
261 .home_txt a {  
262     text-decoration: none;  
263     color: var(--white);  
264 }  
265 .home_txt button {  
266     background-color: var(--black);  
267     color: var(--white);  
268     border: none;  
269     padding: 15px 30px;  
270     font-size: 14px;  
271     letter-spacing: 2px;  
272     display: flex;  
273     justify-content: center;  
274     align-items: center;  
275     margin-bottom: 30px;  
276     cursor: pointer;  
277 }  
278 .home_txt .bx-right-arrow-alt {  
279     font-size: 25px;  
280     --icon-size: 1em; /* ... */  
281 }  
282 .home_txt .bx-right-arrow-alt {  
283     font-size: 25px;  
284     --icon-size: 1em; /* ... */  
285 }  
286 .home_txt .bx-right-arrow-alt {  
287     font-size: 25px;  
288     --icon-size: 1em; /* ... */  
289 }
```

At the bottom left, there are status indicators: a blue square with an 'X', a circle with '269', a triangle with '0', and a gear icon with '1'. On the bottom right, it says "Ln 1235, Col 4" and "Spaces: 4".

FULL STACK WEB DEVELOPMENT

ABC > style.css > ...

```
285 .home_txt .bx-right-arrow-alt {  
286     font-size: 25px;  
287     padding-left: 5px;  
288 }  
289 .home_txt .home_social_icons a {  
290     text-decoration: none;  
291     color: var(--light-black);  
292     margin-right: 15px;  
293     font-size: 18px;  
294 }  
295 /* Collections */  
296 .collections {  
297     display: flex;  
298     justify-content: center;  
299     flex-wrap: wrap;  
300     margin-top: 65px;  
301 }  
302 .content {  
303     width: 330px;  
304     margin: 20px;  
305     position: relative;  
306 }  
307 .content::after {  
308     content: "";  
309     position: absolute;  
310     top: 0;  
311     left: 0%;  
312     width: 100%;  
313     height: 100%;  
314     background: linear-gradient(0deg, transparent 0%, transparent 100%, #rgba(0, 0, 0, 0.871) 100%);  
315     z-index: 2;  
316     opacity: 0;  
317 }  
318 .content:hover::after {  
319     opacity: 1;  
320 }  
321 .content img {  
322     width: 100%;  
323     height: 300px;  
324     box-shadow: 0 14px 28px linear-gradient(0deg, transparent 0%, transparent 10px, #rgba(0, 0, 0, 0.25), 0 10px 10px linear-gradient(0deg, transparent 0%, transparent 0.22));  
325 }  
326 }  
327 }  
328 }  
329 }  
330 }  
331 }  
332 }  
333 }  
334 }
```

x ⑧ 269 △ 0

Ln 1235, Col 4 Spaces: 4

The screenshot shows a Full Stack Web Development IDE interface. At the top, there's a navigation bar with File, Edit, Selection, View, and other icons. A search bar is positioned above the tabs. Below the tabs, there's a sidebar with various icons: a file, a magnifying glass, a link, a refresh, a gear, and a user profile. The tabs include style.css (selected), script.js, index.html, code.jsx, and code.tsx 9+. The main content area displays the code for style.css, which contains CSS rules for a .img-content class and its descendants. The code uses variables like --primary-color and --white. The status bar at the bottom shows Ln 1235, Col 4 and Spaces: 4.

```
ABC > style.css > ...
335 .img-content {
336   position: absolute;
337   top: 70%;
338   left: 50%;
339   transform: translate(-50%, -50%);
340   transition: all 0.3s ease-in-out;
341   color: var(--white);
342   text-align: center;
343   font-size: 2.2rem;
344   font-weight: bolder;
345   z-index: 5;
346   opacity: 0;
347 }
348
349 .img-content p {
350   font-size: 1.6rem;
351 }
352
353 .img-content button {
354   border: none;
355   background-color: var(--primary-color);
356   color: var(--white);
357   border-radius: 10px;
358   padding: 10px;
359 }
360
361 .img-content a {
362   text-decoration: none;
363   font-size: 1.1rem;
364   color: #fff;
365   transition: 0.3s;
366 }
367
368 .img-content button:hover {
369   background: var(--white);
370   color: var(--primary-color);
371 }
372
373 .img-content button:hover~.img-content a {
374   color: var(--primary-color);
375 }
376
377 .img-content a:hover {
378   color: var(--primary-color);
379 }
380
381 .content:hover .img-content {
382   opacity: 1;
383   top: 50%;
384 }
```

The screenshot shows a Full Stack Web Development environment with the following interface elements:

- Top Bar:** File, Edit, Selection, View, ...
- Search Bar:** FULL STACK WEB DEVELOPMENT
- File Tabs:** style.css (active), script.js, index.html, code.jsx, code.tsx 9+
- Left Sidebar Icons:** Document, Search, Git, Project, User, Gear (with a '1' notification).
- Code Editor:** ABC > style.css > ...

```
385
386     /* Content 2 */
387
388     .content2 {
389         width: 330px;
390         margin: 20px;
391         position: relative;
392     }
393
394     .content2::after {
395         content: "";
396         position: absolute;
397         top: 0;
398         left: 0;
399         width: 100%;
400         height: 100%;
401         background: #rgba(0, 0, 0, 0.871);
402         z-index: 2;
403         opacity: 0;
404     }
405
406     .content2:hover::after {
407         opacity: 1;
408     }
409
410     .content2 img {
411         width: 100%;
412         height: 300px;
413         box-shadow: 0 14px 28px #rgba(0, 0, 0, 0.25), 0 10px 10px #rgba(0, 0, 0, 0.22);
414     }
415
416     .img-content2 {
417         position: absolute;
418         top: 70%;
419         left: 50%;
420         transform: translate(-50%, -50%);
421         transition: all 0.3s ease-in-out;
422         color: var(--white);
423         text-align: center;
424         font-size: 2.2rem;
425         font-weight: bolder;
426         z-index: 5;
427         opacity: 0;
428     }
429
430     .img-content2 p {
431         font-size: 1.6rem;
432     }
433
434     .img-content2 a {
435 }
```
- Bottom Status Bar:** ✘ 269 △ 0, ⌂, Ln 1235, Col 4, Spaces: 4

The screenshot shows a code editor interface with the following details:

- Top Bar:** File, Edit, Selection, View, ...
- Search Bar:** FULL STACK WEB DEVELOPMENT
- Tab Bar:** style.css (selected), script.js, index.html, code.jsx, code.tsx 9+
- Sidebar Icons:** Copy, Find, Share, Split, Refresh, Help, Profile, Notifications (1).
- Code Area:** ABC > style.css > ...

```
435 .img-content2 a {  
436   text-decoration: none;  
437   font-size: 1.1rem;  
438   color: #fff;  
439   transition: 0.3s;  
440 }  
441 .img-content2 button {  
442   border: none;  
443   background-color: var(--primary-color);  
444   color: var(--white);  
445   border-radius: 10px;  
446   padding: 10px;  
447 }  
448 .img-content2 button:hover {  
449   background: var(--white);  
450   color: var(--primary-color);  
451 }  
452 .img-content2 a:hover {  
453   color: var(--primary-color);  
454 }  
455 .img-content2 a:active {  
456   color: var(--primary-color);  
457 }  
458 .img-content2 a:disabled {  
459   color: var(--primary-color);  
460 }  
461 .content2:hover .img-content2 {  
462   opacity: 1;  
463   top: 50%;  
464 }  
465 /* Content 3 */  
466 .content3 {  
467   width: 330px;  
468   margin: 20px;  
469   position: relative;  
470 }  
471 .content3::after {  
472   content: "";  
473   position: absolute;  
474   top: 0;  
475   left: 0%;  
476   width: 100%;  
477   height: 100%;  
478   background: linear-gradient(0deg, #000 0%, #000 87%);  
479 }  
480 .content3::before {  
481   content: "";  
482   position: absolute;  
483   top: 0;  
484 }
```
- Status Bar:** X 269 Δ 0, Search icon, Ln 1235, Col 4, Spaces: 4

FULL STACK WEB DEVELOPMENT

ABC > style.css > ...

```
477 .content3::after {  
478     height: 100%;  
479     background: rgba(0, 0, 0, 0.871);  
480     z-index: 2;  
481     opacity: 0;  
482 }  
483 .content3:hover::after {  
484     opacity: 1;  
485 }  
486 .content3 img {  
487     width: 100%;  
488     height: 300px;  
489     box-shadow: 0 14px 28px rgba(0, 0, 0, 0.25), 0 10px 10px rgba(0, 0, 0, 0.22);  
490 }  
491 .img-content3 {  
492     position: absolute;  
493     top: 70%;  
494     left: 50%;  
495     transform: translate(-50%, -50%);  
496     transition: all 0.3s ease-in-out;  
497     color: var(--white);  
498     text-align: center;  
499     font-size: 2.2rem;  
500     font-weight: bolder;  
501     z-index: 5;  
502     opacity: 0;  
503 }  
504 .img-content3 p {  
505     font-size: 1.6rem;  
506 }  
507 .img-content3 a {  
508     text-decoration: none;  
509     font-size: 1.2rem;  
510     color: #fff;  
511     transition: 0.3s;  
512 }  
513 .img-content3 button {  
514     border: none;  
515     background-color: var(--primary-color);  
516     color: var(--white);  
517     border-radius: 10px;  
518     padding: 10px;  
519 }  
520 }  
521 }  
522 }  
523 }  
524 }  
525 }  
526 }  
527 }  
528 }  
529 }  
530 }  
531 }
```

× 269 △ 0

Ln 1235, Col 4 Spaces: 4

FULL STACK WEB DEVELOPMENT

ABC > style.css > ...

```
531 .img-content3 button:hover {  
532 | background: var(--white);  
533 | color: var(--primary-color);  
534 }  
535  
536 .img-content3 button:hover~.img-content3 a {  
537 | color: var(--primary-color);  
538 }  
539  
540 .img-content3 a:hover {  
541 | color: var(--primary-color);  
542 }  
543  
544 .content3:hover .img-content3 {  
545 | opacity: 1;  
546 | top: 50%;  
547 }  
548  
549 .content3:Hover .img-content3 {  
550 | opacity: 1;  
551 | top: 50%;  
552 }  
553  
554  
555 /* seller */  
556  
557 .best-seller {  
558 | display: flex;  
559 | justify-content: space-between;  
560 | align-items: center;  
561 }  
562  
563 .best-seller .red {  
564 | color: var(--primary-color);  
565 | cursor: pointer;  
566 }  
567  
568 .best-seller .blue {  
569 | color: #e899ce;  
570 | cursor: pointer;  
571 }  
572  
573 .best-seller .white {  
574 | color: var(--light-black);  
575 | cursor: pointer;  
576 }  
577  
578 .best-seller .grey {  
579 | color: #grey;  
580 }
```

x (269) △ 0

Ln 1235, Col 4 Spaces: 4

FULL STACK WEB DEVELOPMENT

File Edit Selection View ... 🔍 FULL STACK WEB DEVELOPMENT

css style.css × JS script.js index.html code.jsx code.tsx 9+

ABC > css style.css > ...

```
579 .best-seller .grey {  
580   color: #grey;  
581   cursor: pointer;  
582 }  
583  
584 .best-seller .brown {  
585   color: #rgb(175, 53, 53);  
586   cursor: pointer;  
587 }  
588  
589 .best-seller .yellow {  
590   color: #ffff00;  
591   cursor: pointer;  
592 }  
593  
594 .best-seller .orange {  
595   color: #ffa500;  
596   cursor: pointer;  
597 }  
598  
599 .best-seller .green {  
600   color: #008000;  
601   cursor: pointer;  
602 }  
603  
604 .seller h2 {  
605   margin-top: 65px;  
606   margin-bottom: 20px;  
607 }  
608  
609 .seller .best-p1 {  
610   width: 250px;  
611   height: 370px;  
612   /* border: 2px solid black; */  
613 }  
614  
615 .seller .best-p1 img {  
616   height: 250px;  
617   width: 250px;  
618 }  
619  
620 .seller .best-p1 .price {  
621   display: flex;  
622   justify-content: space-between;  
623 }  
624  
625 .seller .best-p1 .price .colors input[type="radio"] {  
626   color: #000;  
627   background-color: #000;  
628 }
```

✖️ 269 ⚡ 0 🔍 Ln 1235, Col 4 Spaces: 4

The screenshot shows a code editor interface with the title bar "FULL STACK WEB DEVELOPMENT". The left sidebar contains icons for file operations like New, Open, Save, Find, Replace, Undo, Redo, and Help. The top navigation bar includes File, Edit, Selection, View, and a three-dot menu. The tabs at the top are "style.css" (selected), "script.js", "index.html", "code.jsx", and "code.tsx 9+". The main editor area displays the "style.css" file content:

```
ABC > style.css > ...
630 .best-seller .buy-now a {
631   text-decoration: none;
632   color: var(--white);
633 }
634
635 .seller a:hover {
636   color: #f05e8a;
637 }
638
639 .best-seller .buy-now button,
640 .best-seller .add-cart button {
641   padding: 10px 15px;
642   margin-top: 5px;
643   font-size: 14px;
644   cursor: pointer;
645   text-transform: uppercase;
646   background-color: #f05e8a;
647   color: var(--white);
648   border: none;
649   border-radius: 15px;
650   font-weight: 500;
651   border: 1px solid #f05e8a;
652   transition: 0.5s;
653 }
654
655 .best-seller .buy-now button:hover,
656 .best-seller .add-cart button:hover {
657   background-color: var(--white);
658   font-weight: 600;
659 }
660
661 .best-seller .buy-now button:hover a,
662 .best-seller .add-cart button:hover a {
663   color: #f05e8a;
664 }
665
666 .best-seller .add-cart button {
667   padding: 5px 5px;
668   margin-top: 5px;
669   font-size: 14px;
670   cursor: pointer;
671 }
672
673
674 /* deal of week */
675
676 .deal_of_week {
677   display: flex;
678   justify-content: center;
679 }
```

At the bottom left, there are status icons for file changes (269△0) and a gear icon with a '1'. At the bottom right, it shows "Ln 1235, Col 4" and "Spaces: 4".

The screenshot shows a code editor interface with the title bar "FULL STACK WEB DEVELOPMENT". The left sidebar contains icons for file operations like Open, Save, Find, Cut, Copy, Paste, Undo, Redo, and a gear icon with a '1' notification. The top navigation bar includes File, Edit, Selection, View, and a three-dot menu. The tabs at the top are "style.css" (selected), "script.js", "index.html", "code.jsx", and "code.tsx 9+". The main editor area displays the following CSS code:

```
ABC > style.css > ...
677 .deal_of_week {
678   display: flex;
679   justify-content: center;
680   align-items: center;
681 }
682
683 .deal_of_week .names_of_brand p,
684 .deal_of_week .names_of_brand h3 {
685   font-size: 1.8rem;
686   margin-bottom: 1rem;
687 }
688
689 .deal_of_week .names_of_brand p {
690   color: var(--grey);
691 }
692
693 .deal_of_week .countdown span {
694   color: var(--primary-color);
695   font-weight: 600;
696   letter-spacing: 2px;
697   margin: 0.8rem 0 0 3rem;
698 }
699
700 .deal_of_week .countdown h3 {
701   font-size: 2rem;
702   font-weight: 600;
703   color: var(--light-black);
704   line-height: 40px;
705   margin: 0.8rem 0 0 3rem;
706 }
707
708 .deal_of_week .countdown p {
709   margin: 0.8rem 0 0 3rem;
710 }
711
712 .deal_of_week .countdown a {
713   text-decoration: none;
714   color: var(--white);
715   font-weight: 800;
716 }
717
718 .deal_of_week .countdown button {
719   margin: 0.8rem 3rem;
720   border: 2px solid var(--primary-color);
721   background-color: var(--primary-color);
722   color: var(--white);
723   border-radius: 10px;
724   padding: 12px;
725   transition: 0.4s;
726 }
```

At the bottom left, there are status icons for file count (269), changes (△ 0), and notifications (1). The bottom right shows the line number (Ln 1235), column number (Col 4), and space settings (Spaces: 4).

A screenshot of a code editor interface. At the top, there's a navigation bar with File, Edit, Selection, View, and other options. A search bar on the right contains the text "FULL STACK WEB DEVELOPMENT". Below the navigation bar, there are five tabs: "style.css" (selected), "script.js", "index.html", "code.jsx", and "code.tsx 9+".

The main area shows a portion of the "style.css" file with the following content:

```
ABC > style.css > ...
728 .deal_of_week .countdown button:hover {
729   background: var(--white);
730   color: var(--primary-color);
731 }
732 .deal_of_week .countdown button:hover~.countdown a {
733   background: var(--white);
734   color: var(--primary-color);
735 }
736 .countdown a:hover {
737   color: var(--primary-color);
738 }
739 }
740 /* ..... NEWS ..... */
741 #news {
742   margin-bottom: 250px;
743 }
744 .news-heading p {
745   text-align: center;
746   font-size: 18px;
747   color: var(--primary-color);
748   letter-spacing: 2px;
749   font-weight: 500;
750   margin-bottom: 15px;
751   margin-top: 70px;
752 }
753 .news-heading h2 {
754   text-align: center;
755   font-size: 32px;
756   font-weight: 600;
757   color: var(--light-black);
758 }
759 .l-news {
760   padding-top: 45px;
761   display: flex;
762   justify-content: space-evenly;
763   align-items: center;
764   position: relative;
765 }
766 .l-news img {
767   height: 200px;
768   width: 300px;
769 }
```

At the bottom left, there are status indicators: a blue square with a white 'X', a blue circle with a white '@', and a blue gear icon with a '1'. On the bottom right, it says "Ln 1235, Col 5" and "Spaces: 4".

ABC > **style.css** > ...

```
779     .l-news1 {  
780         position: relative;  
781         width: 280px;  
782         height: 230px;  
783     }  
784     .l-news1 .news1-conte {  
785         position: absolute;  
786         bottom: -60%;  
787         left: 7%;  
788         background: var(--white);  
789         padding: 25px;  
790     }  
791     .l-news2 {  
792         position: relative;  
793         width: 280px;  
794         height: 230px;  
795     }  
796     .l-news2 .news2-conte {  
797         position: absolute;  
798         bottom: -60%;  
799         left: 7%;  
800         background: var(--white);  
801         padding: 25px;  
802     }  
803     .l-news3 {  
804         position: relative;  
805         width: 280px;  
806         height: 230px;  
807     }  
808     .l-news3 .news3-conte {  
809         position: absolute;  
810         bottom: -60%;  
811         left: 7%;  
812         background: var(--white);  
813         padding: 25px;  
814     }  
815     .l-news1 .news1-conte .date-news1 p {  
816         color: var(--light-black);  
817         text-align: center;  
818         padding: 15px 0;  
819     }  
820     .l-news1 .news1-conte .date-news1 h4 {  
821         font-size: 18px;  
822     }  
823     .l-news1 .news1-conte .date-news1 h4 {  
824         font-size: 18px;  
825     }  
826     .l-news1 .news1-conte .date-news1 h4 {  
827         font-size: 18px;  
828     }
```

x ⊗ 269 ▲ 0

Ln 1235, Col 5 Spaces: 4

File Edit Selection View ... 🔍 FULL STACK WEB DEVELOPMENT

css style.css × JS script.js index.html code.jsx code.tsx 9+

ABC > css style.css > ...

```
827 .l-news1 .news1-conte .date-news1 h4 {  
828   font-size: 18px;  
829   text-align: center;  
830   font-weight: 600;  
831   padding-bottom: 15px;  
832 }  
833  
834 .l-news1 .news1-conte .date-news1 a {  
835   text-decoration: none;  
836   text-align: center;  
837   padding: 0 50px;  
838   color: var(--primary-color);  
839   position: relative;  
840   font-weight: 600;  
841 }  
842  
843 .l-news1 .news1-conte .date-news1 a::after {  
844   content: "";  
845   position: absolute;  
846   background: #ff3c78;  
847   height: 3px;  
848   width: 100%;  
849   left: 0;  
850   bottom: -10px;  
851   transition: 0.3s;  
852 }  
853  
854 .l-news1 .news1-conte .date-news1 a:hover::after {  
855   width: 0%;  
856 }  
857  
858 .l-news1 .news1-conte .date-news1 a:hover {  
859   color: var(--black);  
860 }  
861  
862 .l-news2 .news2-conte .date-news2 p {  
863   color: var(--light-black);  
864   text-align: center;  
865   padding: 15px 0;  
866 }  
867  
868 .l-news2 .news2-conte .date-news2 h4 {  
869   font-size: 18px;  
870   text-align: center;  
871   font-weight: 600;  
872   padding-bottom: 15px;  
873 }  
874  
875 .l-news2 .news2-conte .date-news2 a {  
876   text-decoration: none;  
877 }
```

x ⚡ 269 ▲ 0 ⚡ Ln 1235, Col 5 Spaces: 4

The screenshot shows a code editor interface with a dark theme. On the left, there is a vertical toolbar with various icons: a file icon, a search icon, a refresh icon, a file tree icon, a settings gear icon, a user profile icon, and a notifications icon with a '1' notification. The main area displays a CSS file named 'style.css'. The file contains several CSS rules for classes like '.l-news2', '.l-news3', and '.l-news3-conte'. The code editor has tabs for 'style.css', 'script.js', 'index.html', 'code.jsx', and 'code.tsx 9+'. The status bar at the bottom indicates 269 errors and 0 warnings.

```
ABC > style.css > ...
875 .l-news2 .news2-conte .date-news2 a {
876   text-decoration: none;
877   text-align: center;
878   padding: 0 60px;
879   color: var(--primary-color);
880   position: relative;
881   font-weight: 600;
882 }
883
884 .l-news2 .news2-conte .date-news2 a::after {
885   content: "";
886   position: absolute;
887   background: #ff3c78;
888   height: 3px;
889   width: 100%;
890   left: 0;
891   bottom: -10px;
892   transition: 0.3s;
893 }
894
895 .l-news2 .news2-conte .date-news2 a:hover::after {
896   width: 0%;
897 }
898
899 .l-news2 .news2-conte .date-news2 a:hover {
900   color: var(--black);
901 }
902
903 .l-news3 .news3-conte .date-news3 p {
904   color: var(--light-black);
905   text-align: center;
906   padding: 15px 0;
907 }
908
909 .l-news3 .news3-conte .date-news3 h4 {
910   font-size: 18px;
911   text-align: center;
912   font-weight: 600;
913   padding-bottom: 15px;
914 }
915
916 .l-news3 .news3-conte .date-news3 a {
917   text-decoration: none;
918   text-align: center;
919   padding: 0 60px;
920   color: var(--primary-color);
921   position: relative;
922   font-weight: 600;
923 }
```

ABC > **style.css** > ...

```
925 .l-news3 .news3-conte .date-news3 a::after {  
926   content: "";  
927   position: absolute;  
928   background: #ff3c78;  
929   height: 3px;  
930   width: 100%;  
931   left: 0;  
932   bottom: -10px;  
933   transition: 0.3s;  
934 }  
935 .l-news3 .news3-conte .date-news3 a:hover::after {  
936   width: 0%;  
937 }  
938 .l-news3 .news3-conte .date-news3 a:hover {  
939   color: var(--black);  
940 }  
941  
942 /* Footer */  
943 .footer {  
944   width: 100%;  
945   background: var(--black);  
946 }  
947 .footer-container .content_1 img {  
948   height: 25px;  
949   width: 180px;  
950 }  
951 .footer-container {  
952   display: flex;  
953   justify-content: space-between;  
954   padding: 60px 0;  
955 }  
956 .footer-container h4 {  
957   color: var(--white);  
958   font-weight: 500;  
959   letter-spacing: 1px;  
960   margin-bottom: 25px;  
961   font-size: 18px;  
962 }  
963 .footer-container a {  
964   display: block;  
965   text-decoration: none;  
966   color: var(--grey);  
967 }  
968  
969  
970  
971  
972  
973  
974
```

✖️ ⑧ 269 ⚡ 0 🔍 Ln 1235, Col 5 Spaces: 4

The screenshot shows a code editor interface with a dark background. At the top, there's a navigation bar with File, Edit, Selection, View, and other icons. A search bar on the right contains the text "FULL STACK WEB DEVELOPMENT". Below the navigation bar, there are tabs for style.css, script.js, index.html, code.jsx, and code.tsx 9+. The main area displays the content of style.css, which includes various CSS rules for footer elements like .footer-container, .content\_1, .content\_4, and .f-mail. The code is numbered from 971 to 1020. On the left side of the editor, there are several small icons representing different functions or tools. The status bar at the bottom right indicates "Ln 1235, Col 5" and "Spaces: 4".

```
ABC > style.css > ...
971 .footer-container a {
972   display: block;
973   text-decoration: none;
974   color: var(--grey);
975   margin-bottom: 15px;
976   font-size: 14px;
977 }
978
979 .footer-container .content_1 p,
980 .footer-container .content_4 p {
981   color: var(--grey);
982   margin: 25px 0;
983   font-size: 14px;
984 }
985
986 .footer-container .content_4 input[type="email"] {
987   background-color: var(--black);
988   border: none;
989   color: var(--white);
990   outline: none;
991   padding: 15px 0;
992 }
993
994 .footer-container .content_4 .f-mail {
995   display: flex;
996   justify-content: space-between;
997   align-items: center;
998 }
999
1000 .footer-container .content_4 .bx {
1001   color: var(--white);
1002 }
1003
1004 .f-design {
1005   width: 100%;
1006   color: var(--white);
1007   text-align: center;
1008 }
1009
1010 .f-design .f-design-txt {
1011   border-top: 1px solid var(--grey);
1012   padding: 25px 0;
1013   font-size: 14px;
1014   color: var(--grey);
1015 }
1016
1017
1018 /* contact */
1019
1020 contact /
```

ABC > `style.css` > ...

```
1017 1018  /* contact */  
1019 1020  .contact {  
1021  |   margin-top: 45px;  
1022  }  
1023 1024  iframe {  
1025  |   height: 72vh;  
1026  |   width: 100%;  
1027  }  
1028 1029  .form {  
1030  |   display: flex;  
1031  |   justify-content: space-between;  
1032  |   margin: 80px 0;  
1033  }  
1034 1035  .form .form-txt {  
1036  |   flex-basis: 48%;  
1037  }  
1038 1039  .form .form-txt h4 {  
1040  |   font-weight: 600;  
1041  |   color: var(--primary-color);  
1042  |   letter-spacing: 1.5px;  
1043  |   font-size: 15px;  
1044  |   margin-bottom: 15px;  
1045  }  
1046 1047  .form .form-txt h1 {  
1048  |   font-weight: 600;  
1049  |   color: var(--black);  
1050  |   font-size: 40px;  
1051  |   letter-spacing: 1.5px;  
1052  |   margin-bottom: 10px;  
1053  |   color: var(--light-black);  
1054  }  
1055 1056  .form .form-txt span {  
1057  |   color: var(--light-black);  
1058  |   font-size: 14px;  
1059  }  
1060 1061  .form .form-txt h3 {  
1062  |   font-size: 22px;  
1063  |   font-weight: 600;  
1064  |   margin: 15px 0;  
1065  |   color: var(--light-black);  
1066  }
```

The screenshot shows a code editor interface with the following details:

- File Bar:** File, Edit, Selection, View, ...
- Search Bar:** FULL STACK WEB DEVELOPMENT
- Tab Bar:** style.css (highlighted), script.js, index.html, code.jsx, code.tsx 9+
- Left Sidebar Icons:** Document, Search, Copy, Paste, Find, Refresh, Help, Profile, Gear (with a '1' notification).
- Code Area:** ABC > style.css > ...

```
1068 .form .form-txt p {  
1069 |   color: var(--light-black);  
1070 |   font-size: 14px;  
1071 }  
1072  
1073 .form .form-details {  
1074 |   flex-basis: 48%;  
1075 }  
1076  
1077 .form .form-details input[type="text"],  
1078 .form .form-details input[type="email"] {  
1079 |   padding: 15px 20px;  
1080 |   color: var(--grey);  
1081 |   outline: none;  
1082 |   border: 1px solid var(--grey);  
1083 |   margin: 35px 15px;  
1084 |   font-size: 14px;  
1085 }  
1086  
1087 .form .form-details textarea {  
1088 |   padding: 15px 20px;  
1089 |   margin: 0 15px;  
1090 |   color: var(--grey);  
1091 |   outline: none;  
1092 |   border: 1px solid var(--grey);  
1093 |   font-size: 14px;  
1094 |   resize: none;  
1095 }  
1096  
1097 .form .form-details button {  
1098 |   padding: 15px 25px;  
1099 |   color: var(--white);  
1100 |   font-weight: 500;  
1101 |   background: var(--black);  
1102 |   outline: none;  
1103 |   border: none;  
1104 |   margin: 15px;  
1105 |   font-size: 14px;  
1106 |   letter-spacing: 2px;  
1107 |   cursor: pointer;  
1108 }  
1109  
1110 /* Media Queries */  
1111  
1112 @media (max-width: 500px) {  
1113   .head {  
1114     |   display: none;  
1115   }  
1116   .top-txt .head p,  
1117 }
```
- Status Bar:** × 269 ▲ 0, ⌂ 1235, Col 5, Spaces: 4

File Edit Selection View ... 🔍 FULL STACK WEB DEVELOPMENT

css style.css × JS script.js index.html code.jsx code.tsx 9+

ABC > css style.css > ...

```
1110 1111 /* Media Queries*/  
1112 1113 @media (max-width: 500px) {  
1114 .head {  
1115 | display: none;  
1116 }  
1117 .top-txt .head p,  
1118 .top-txt .head a {  
1119 | font-size: 10px;  
1120 }  
1121 .home_txt h2,  
1122 .home_txt .home_label p {  
1123 | display: none;  
1124 }  
1125 .home_txt {  
1126 | position: absolute;  
1127 | top: 20%;  
1128 | left: 5%;  
1129 | font-size: 12px;  
1130 }  
1131 .home_txt button {  
1132 | padding: 7px 7px;  
1133 | font-size: 10px;  
1134 }  
1135 .home_txt i {  
1136 | display: none;  
1137 }  
1138 .home_txt .home_social_icons {  
1139 | /* display: flex; */  
1140 | display: none;  
1141 }  
1142 .menu-items {  
1143 | margin-right: 0;  
1144 }  
1145 .best-seller {  
1146 | display: flex;  
1147 | flex-direction: column;  
1148 | align-items: center;  
1149 }  
1150 .l-news {  
1151 | display: flex;  
1152 | flex-direction: column;  
1153 | margin-right: 30px;  
1154 }  
1155 .l-news .l-news1,  
1156 .l-news .l-news2 {  
1157 | margin-bottom: 200px;  
1158 }  
1159 .footer-container {  
1160 | display: flex;
```

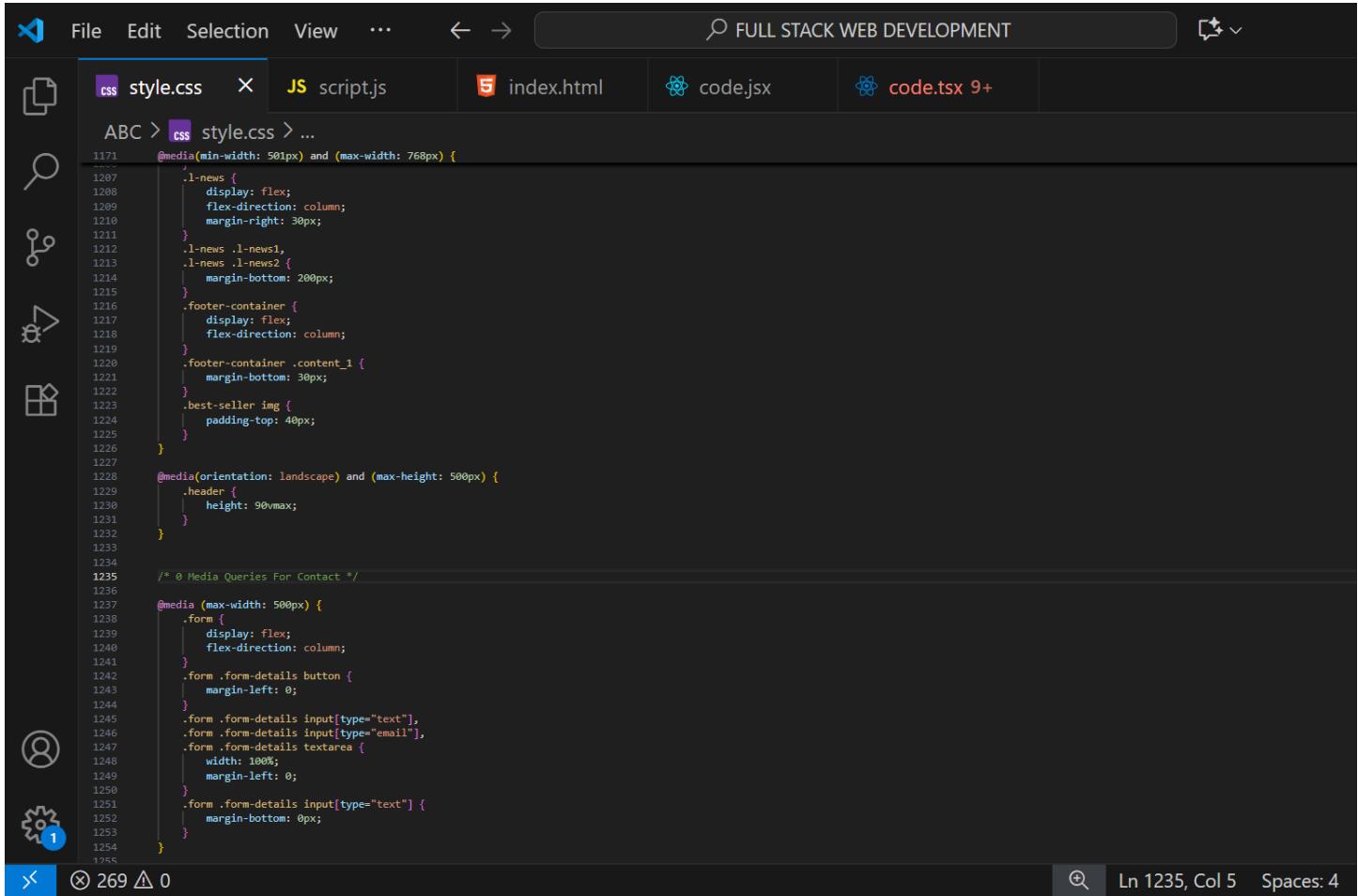
✖️ 269 ▲ 0 ⚡ Ln 1235, Col 5 Spaces: 4

ABC > style.css > ...

```
1113 @media [max-width: 500px] {  
1159     .footer-container {  
1160         display: flex;  
1161         flex-direction: column;  
1162     }  
1163     .footer-container .content_1 {  
1164         margin-bottom: 30px;  
1165     }  
1166     .best-seller img {  
1167         padding-top: 40px;  
1168     }  
1169 }  
1170 @media(min-width: 501px) and (max-width: 768px) {  
1171     .head {  
1172         display: none;  
1173     }  
1174     .top-txt .head p,  
1175     .top-txt .head a {  
1176         font-size: 10px;  
1177     }  
1178     .home_txt h2,  
1179     .home_txt .home_label p {  
1180         display: none;  
1181     }  
1182     .home_txt {  
1183         position: absolute;  
1184         top: 20%;  
1185         left: 5%;  
1186         font-size: 12px;  
1187     }  
1188     .home_txt button {  
1189         padding: 7px 7px;  
1190         font-size: 10px;  
1191     }  
1192     .home_txt i {  
1193         display: none;  
1194     }  
1195     .home_txt .home_social_icons {  
1196         /* display: flex; */  
1197         display: none;  
1198     }  
1199     .menu-items {  
1200         margin-right: 0;  
1201     }  
1202     .best-seller {  
1203         display: flex;  
1204         flex-direction: column;  
1205     }  
1206     .l-news {  
1207 }
```

✖ 269 △ 0

Ln 1235, Col 5 Spaces: 4



The screenshot shows a code editor window with the following details:

- File Bar:** File Edit Selection View ... ← → FULL STACK WEB DEVELOPMENT
- Toolbar:** Icons for Copy, Paste, Find, Select, and others.
- File List:** style.css (selected), script.js, index.html, code.jsx, code.tsx 9+.
- Code Area:** ABC > style.css > ...

```
1237  @media (max-width: 500px) {  
1238      .form .form-details button {  
1239          margin-left: 0;  
1240      }  
1241      .form .form-details input[type="text"],  
1242      .form .form-details input[type="email"],  
1243      .form .form-details textarea {  
1244          width: 100%;  
1245          margin-left: 0;  
1246      }  
1247      .form .form-details input[type="text"] {  
1248          margin-bottom: 0px;  
1249      }  
1250  }  
1251  
1252  @media(min-width: 501px) and (max-width: 768px) {  
1253      .form {  
1254          display: flex;  
1255          flex-direction: column;  
1256      }  
1257      .form .form-details button {  
1258          margin-left: 0;  
1259      }  
1260      .form .form-details input[type="text"],  
1261      .form .form-details input[type="email"],  
1262      .form .form-details textarea {  
1263          width: 100%;  
1264          margin-left: 0;  
1265      }  
1266      .form .form-details input[type="text"] {  
1267          margin-bottom: 0px;  
1268      }  
1269  }  
1270 }  
1271  
1272 }  
1273 }  
1274 }
```
- Sidebar:** Icons for file operations (New, Open, Save, Delete, Copy, Paste, Find, Select, etc.).
- Status Bar:** × 269 △ 0, 🔍, Ln 1235, Col 5.

## [JAVA SCRIPT CODE]

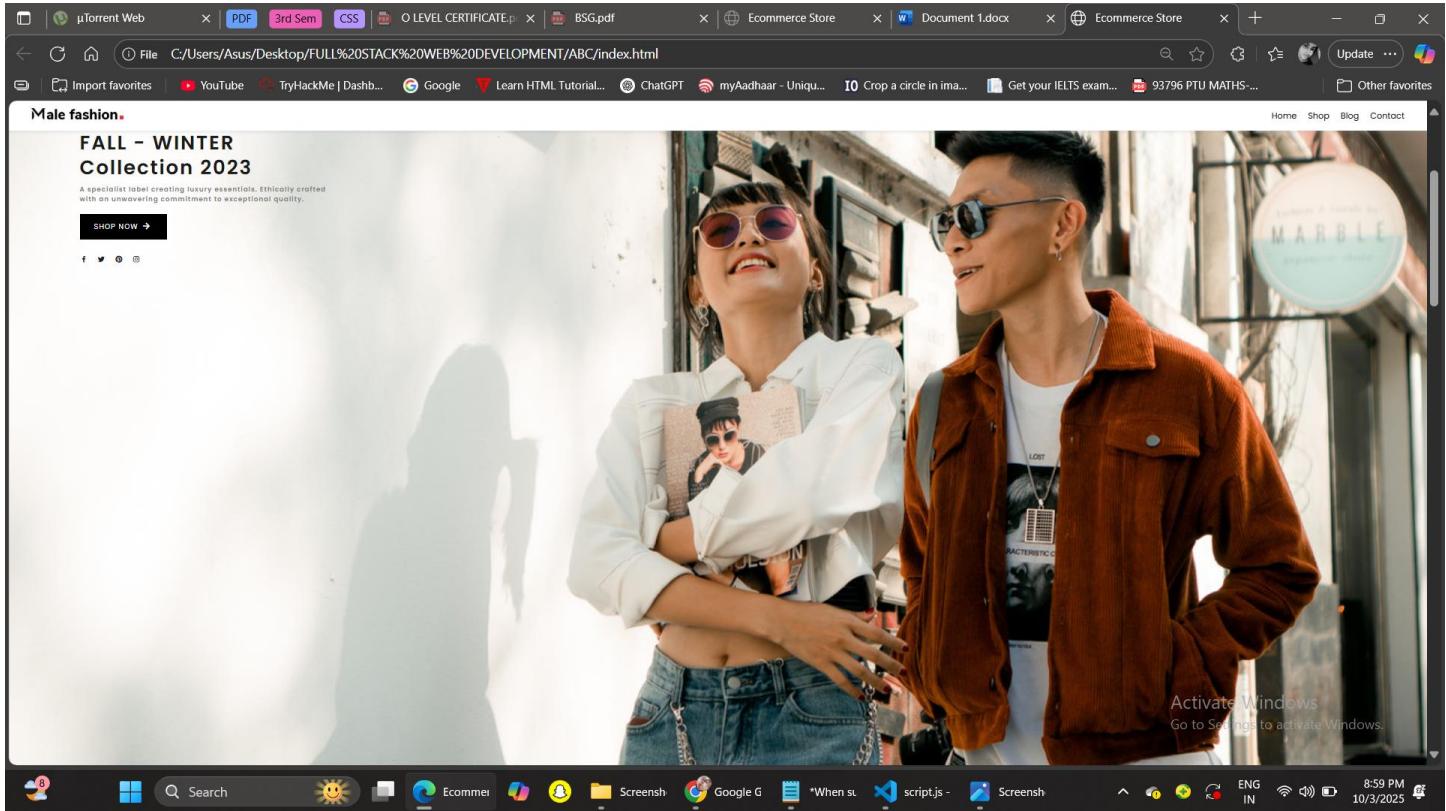
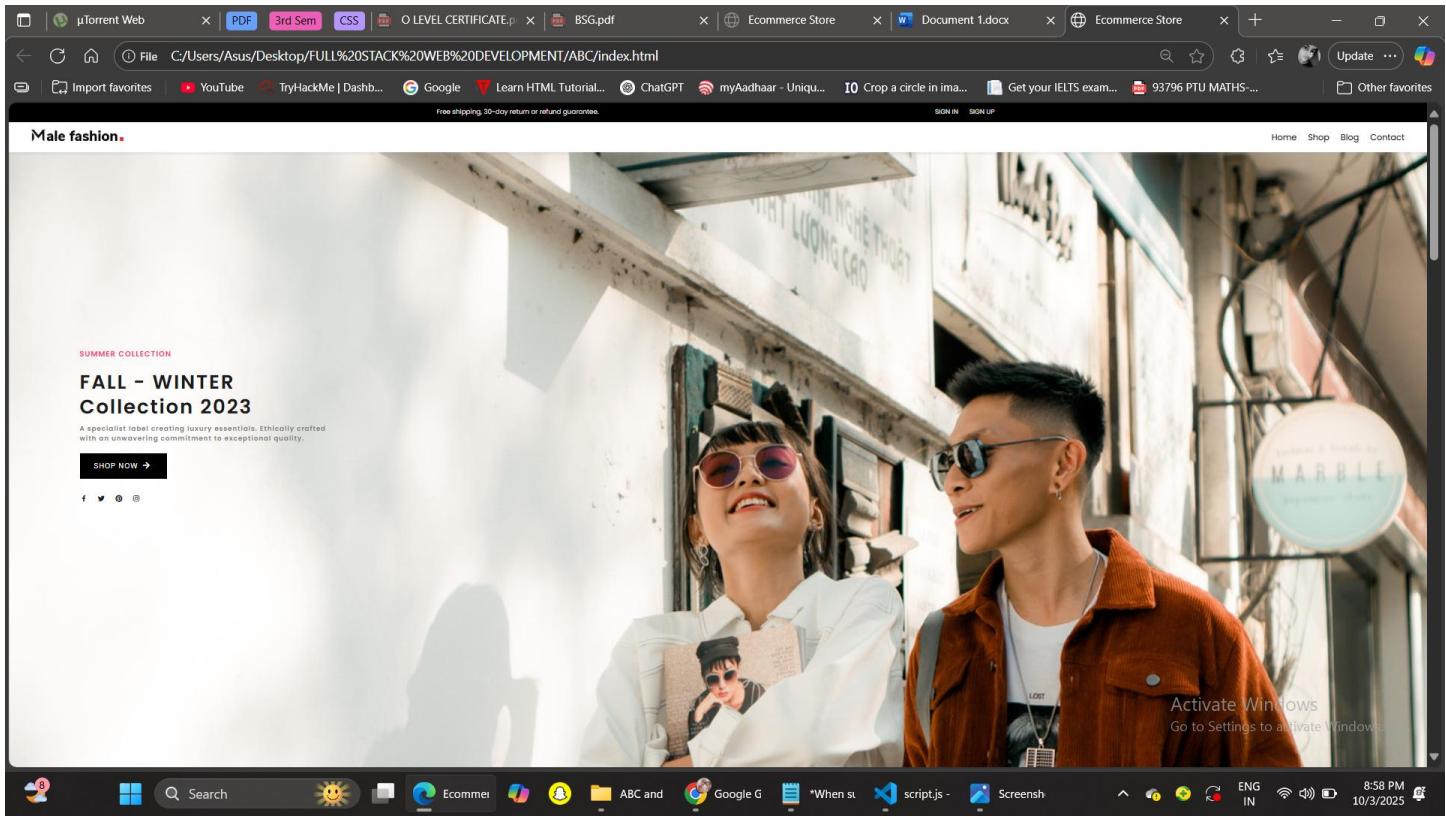
The screenshot shows a code editor interface with a dark theme. The top bar includes tabs for 'style.css', 'script.js' (which is the active tab), 'index.html', 'code.jsx', and 'code.tsx'. The main editor area contains the following JavaScript code:

```
ABC > JS script.js > ready() callback > on("click") callback
1  $(document).ready(function () {
2    $("a").on("click", function (event) {
3      if (this.hash !== "") [
4        event.preventDefault();
5
6        var hash = this.hash;
7        $("html, body").animate(
8          {
9            scrollTop: $(hash).offset().top,
10         },
11         800,
12         function () {
13           window.location.hash = hash;
14         }
15       );
16     ];
17   });
18 });
19
20 $(".menu-items a").click(function () {
21   $("#checkbox").prop("checked", false);
22 });

```

On the right side of the editor, there is a status bar with the text "Activate Windows" and "Go to Settings to activate Windows". Below the status bar, it shows "Ln 4, Col 30" and other file details.

**OUTPUT OF THE ABOVE SOURCE CODE :**



Male fashion.

### Top Sales

Product	Rating	Price
PS England Shoes	★★★★☆	\$37.24
PS England Jacket	★★☆☆☆	\$17.24
PS England Shirt	★★★★★	\$27.24
PS England Shoes	★★★★★	\$43.67

### New Arrivals

Product	Rating	Price
PS England T-Shirt	★★★★★	\$10.23
PS England Bag	★★☆☆☆	\$9.28
PS England Sunglass	★★★★★	\$9.24
PS England Shoes	★★★★★	\$43.67

Activate Windows  
Go to Settings to activate Windows.

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### Hot Sales

Product	Rating	Price
PS England T-Shirt	★★★★★	\$10.23
PS England Bag	★★☆☆☆	\$9.28
PS England Sunglass	★★★★★	\$9.24
PS England Shoes	★★★★★	\$43.67

### LATEST NEWS

#### Fashion New Trends

Date	Title	Image	Read More
22 August 2025	What Curling Irons Are The Best Ones		<a href="#">read more</a>
22 August 2025	The Health Benefits Of Sunglasses		<a href="#">read more</a>
22 August 2025	Eternity Bonds Do Last Forever		<a href="#">read more</a>

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Name \_\_\_\_\_ Email \_\_\_\_\_

As you might expect of a company that began as a high-end interiors contractor, we pay strict attention.

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The customer is at the heart of our unique business model, which includes design.

Clothing Store Trending Shoes Accessories Sale

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# DATABASE STRUCTURE

As this is a frontend-only project, there's no traditional relational database. Instead, product data is stored in a JavaScript array within `data.js`, simulating a JSON database. Cart data uses browser LocalStorage (key-value pairs).

- **Product Schema (JavaScript Object Array):**

Each product is an object with:

- **id:** Unique integer (primary key).
- **name:** String (e.g., "Wireless Headphones").
- **price:** Number (e.g., 49.99).
- **description:** String.
- **category:** String (e.g., "Electronics").
- **image:** String (path to image file).
- **stock:** Integer (for future use).

Example:

javascript4 lines

[Copy code](#)[Download code](#)

Click to expand

```
const products = [
```

```
{ id: 1, name: "Wireless Headphones", price: 49.99, description:  
"Noise-cancelling...", category: "Electronics", image:  
"images/product1.jpg" },
```

...

- **Relations:** None (flat structure). Products are independent; cart references product IDs.
- **Visual Representation (Textual ER Diagram):**

Run

## CHALLENGES FACED

- **Dynamic Rendering Without a Backend:** Initially, loading products felt static. Overcame this by using `document.createElement()` and DOM manipulation in JS to generate cards on page load/search, ensuring real-time updates.
- **Responsive Images and Layout:** Bootstrap helped, but custom CSS was needed for image scaling. Used media queries to fix overflow on mobile; tested on multiple devices via Chrome's device emulation.
- **LocalStorage Persistence:** Handling cart across pages required parsing JSON on load. Edge case: Large carts exceeding storage quota—added a check to limit items and alert users.
- **Performance with Filters:** Filtering large arrays (simulated 100+ products) could lag. Optimized by using efficient array methods and debouncing search input with `setTimeout()`.
- **Cross-Browser Compatibility:** Ensured ES6 features (e.g., arrow functions) work in older browsers by adding Babel (optional via CDN), but kept it vanilla for simplicity.

These challenges improved my understanding of client-side state management.

## CONCLUSION

This project successfully delivers a functional e-commerce product listing website that meets core objectives: intuitive browsing, search/filtering, and basic cart operations. Achievements include a responsive, interactive UI built with modern web standards, demonstrating practical application of HTML/CSS/JS. Key learnings: The power of client-side JavaScript for simulating full apps, importance of modular code for scalability, and debugging DOM interactions. Future enhancements could include a real backend (e.g., Express.js with MongoDB) for user authentication and payments. Overall, this was a valuable exercise in full-stack thinking with frontend constraints.

## GIT HUB :

[link of allsource code](#)

