E-COMMERCE APPLICATION ON IBM CLOUD FOUNDRY

PHASE 5: Project Documentation and Submission

An e-commerce application hosted on IBM Cloud Foundry is a web based platform that allows businesses to sell products or services online.

Project Explanation:

The code begins with a tag that contains two child tags: one for the main content of the page, and another for the navigation.

The first thing you see is a pair of tags.

The first one displays a name of website i.e EcommerceStore.com, while the second one displays a search icon.

This will be used to help users find what they're looking for on the site.

It contains information about how to purchase items from this store. It includes details like product categories and prices.

Each product has its own row, and there are images associated with each item so that users can better understand what they're buying.

The code creates a div with the class navItem , which will house all of the navigation for our ecommerce store.

Within this div, we have two elements: a search input and an icon for our search bar.

The code within the search input will allow users to enter text into the form and it will be auto filled with the current page's title.

The icon will be used as a placeholder for our search bar and it will dynamically change depending on whether or not there is any content in our search input.

Finally, we have created a div with the class navItem which will house all of our navigation.

Within this div, we have created a heading titled "Ecommerce Store" and beneath this heading

JavaScript Logic :

The code starts by creating an array of objects called products .

Each object in the products array will contain information about a different product.

The first object in the products array is called choosen Product .

Next, we need to get hold of all of the information about choosen Product .

We do this by using document.querySelectorAll() .

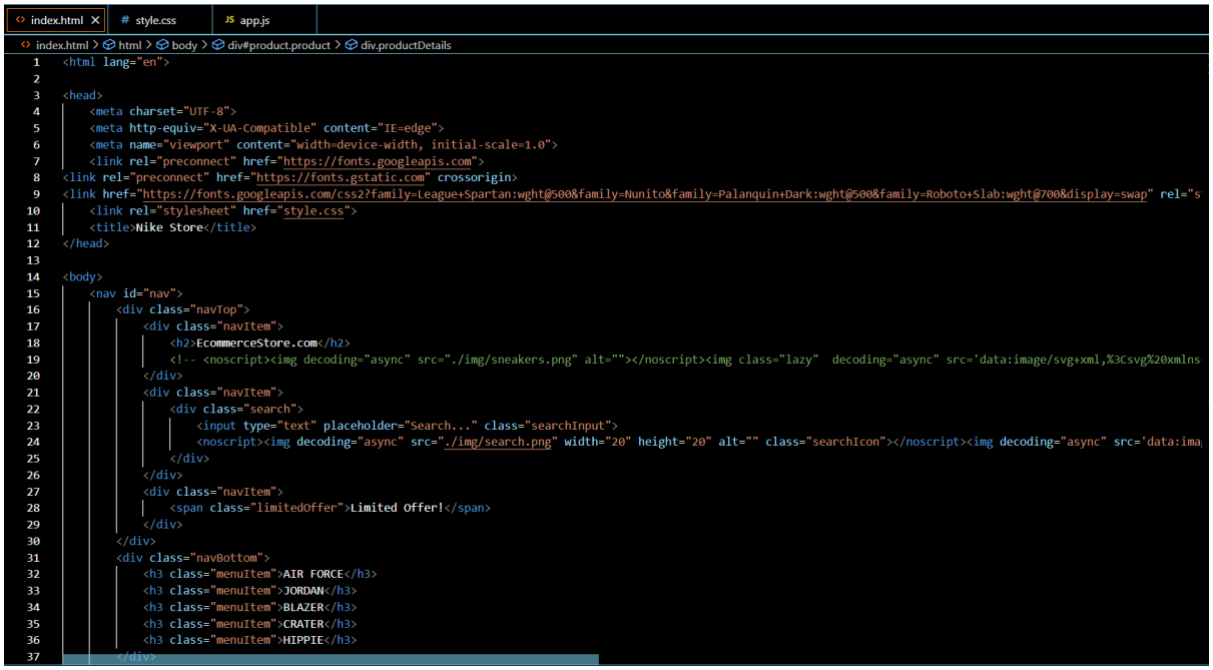
This method takes two arguments: The first is a selector (in this case, ".productTitle") and the second is a list of strings (in this case, ".color").

We then use forEach() to loop through all of the menuItems in our document.

Each time around the loop, we'll add an event listener to each item so that we can track when it's clicked.

This function will take three arguments: The first is choosenProduct , which we've already obtained from earlier; secondly, currentProductImg , which is our image pointer for displaying what's currently being displayed on our screen.

Index.html



index.html | style.css | app.js

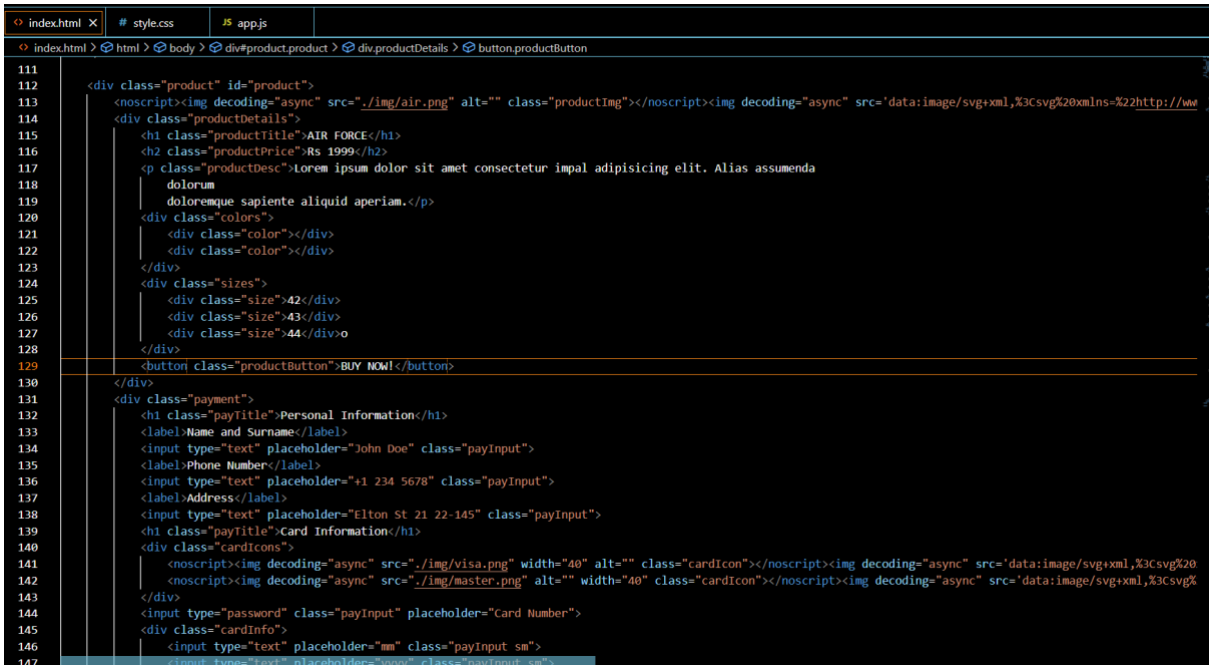
index.html > html > body > div#product.product > div.productDetails > button.productButton

```
    </nav>
    <div class="slider">
        <div class="sliderWrapper">
            <div class="sliderItem">
                <img decoding="async" src="./img/air.png" alt="" class="sliderImg" id="firsts">
                <div class="sliderBg"></div>
                <h1 class="sliderTitle">AIR FORCE</br> NEW</br> SEASON</h1>
                <h2 class="sliderPrice">Rs.1999</h2>
                <a href="#product">
                    <button class="buyButton">BUY NOW!</button>
                </a>
            </div>
            <div class="sliderItem">
                <img decoding="async" src="./img/jordan.png" alt="" class="sliderImg" id="jordan">
                <div class="sliderBg"></div>
                <h1 class="sliderTitle">AIR JORDAN</br> NEW</br> SEASON</h1>
                <h2 class="sliderPrice">Rs 1149</h2>
                <a href="#product">
                    <button class="buyButton">BUY NOW!</button>
                </a>
            </div>
            <div class="sliderItem">
                <img decoding="async" src="./img/blazer.png" alt="" class="sliderImg" id="thirds">
                <div class="sliderBg"></div>
                <h1 class="sliderTitle">BLAZER</br> NEW</br> SEASON</h1>
                <h2 class="sliderPrice">Rs 2100</h2>
                <a href="#product">
                    <button class="buyButton">BUY NOW!</button>
                </a>
            </div>
            <div class="sliderItem">
                <img decoding="async" src="./img/crater.png" alt="" class="sliderImg" id="crater">
                <div class="sliderBg"></div>
                <h1 class="sliderTitle">CRATER</br> NEW</br> SEASON</h1>
                <h2 class="sliderPrice">Rs 2999</h2>
                <a href="#product">
                    <button class="buyButton">BUY NOW!</button>
```

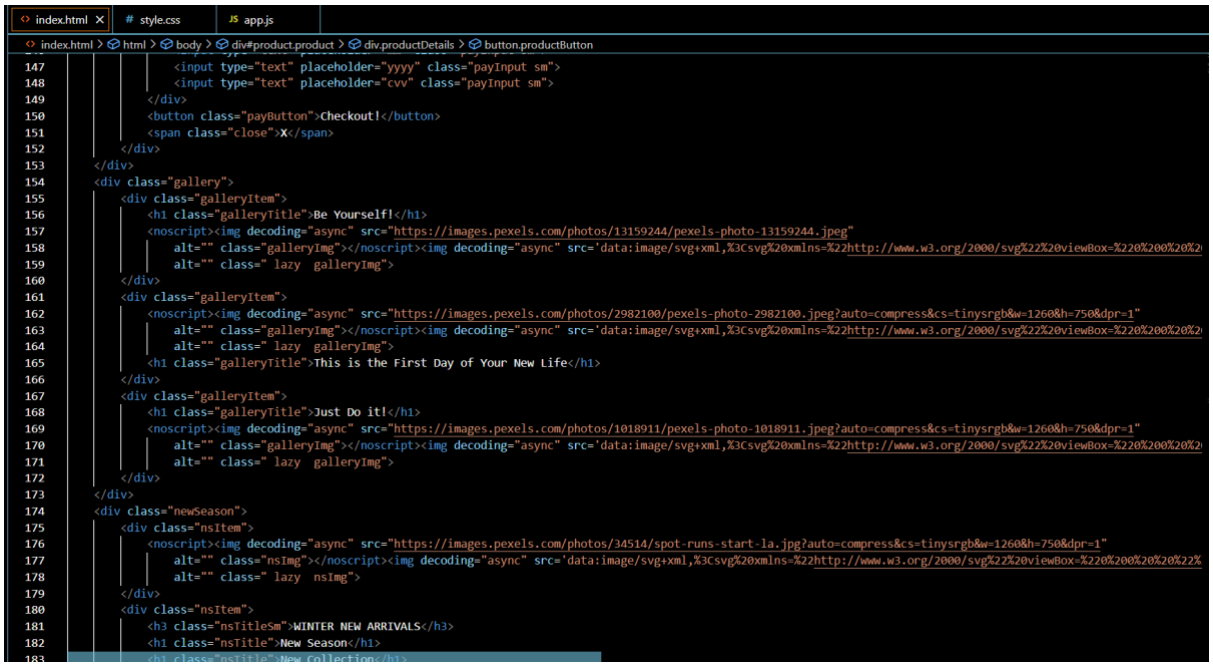
index.html | style.css | app.js

index.html > html > body > div#product.product > div.productDetails > button.productButton

```
                    <button class="buyButton">BUY NOW!</button>
                </a>
            </div>
            <div class="sliderItem">
                <img decoding="async" src="./img/hippie.png" alt="" class="sliderImg">
                <div class="sliderBg"></div>
                <h1 class="sliderTitle">HIPPIE</br> NEW</br> SEASON</h1>
                <h2 class="sliderPrice">Rs 999</h2>
                <a href="#product">
                    <button class="buyButton">BUY NOW!</button>
                </a>
            </div>
        </div>
    </div>

    <div class="features">
        <div class="feature">
            <noscript><img decoding="async" src="./img/shipping.png" alt="" class="featureIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%2
            <span class="featureTitle">FREE SHIPPING</span>
            <span class="featureDesc">Free worldwide shipping on all orders.</span>
        </div>
        <div class="feature">
            <noscript><img decoding="async" class="featureIcon" src="./img/return.png" alt=""></noscript><img decoding="async" class=" lazy  featureIcon" src='data:image/
            <span class="featureTitle">30 DAYS RETURN</span>
            <span class="featureDesc">No question return and easy refund in 14 days.</span>
        </div>
        <div class="feature">
            <noscript><img decoding="async" class="featureIcon" src="./img/gift.png" alt=""></noscript><img decoding="async" class=" lazy  featureIcon" src='data:image/sv
            <span class="featureTitle">GIFT CARDS</span>
            <span class="featureDesc">Buy gift cards and use coupon codes easily.</span>
        </div>
        <div class="feature">
            <noscript><img decoding="async" class="featureIcon" src="./img/contact.png" alt=""></noscript><img decoding="async" class=" lazy  featureIcon" src='data:image
            <span class="featureTitle">CONTACT US!</span>
            <span class="featureDesc">Keep in touch via email and support system.</span>
        </div>
    </div>
```



```
index.html  style.css  app.js
index.html > html > body > div#product.product > div.productDetails > button.productButton
111
112     <div class="product" id="product">
113         <noscript><img decoding="async" src="./img/air.png" alt="" class="productImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://ww
114         <div class="productDetails">
115             <h1 class="productTitle">AIR FORCE</h1>
116             <h2 class="productPrice">Rs 1999</h2>
117             <p class="productDesc">Lorem ipsum dolor sit amet consectetur impal adipisicing elit. Alias assumenda
118                 dolorum
119                 doloremque sapiente aliquid aperiam.</p>
120             <div class="colors">
121                 <div class="color"></div>
122                 <div class="color"></div>
123             </div>
124             <div class="sizes">
125                 <div class="size">42</div>
126                 <div class="size">43</div>
127                 <div class="size">44</div>o
128             </div>
129             <button class="productButton">BUY NOW!</button>
130         </div>
131         <div class="payment">
132             <h1 class="payTitle">Personal Information</h1>
133             <label>Name and Surname</label>
134             <input type="text" placeholder="John Doe" class="payInput">
135             <label>Phone Number</label>
136             <input type="text" placeholder="+1 234 5678" class="payInput">
137             <label>Address</label>
138             <input type="text" placeholder="Elton St 21 22-145" class="payInput">
139             <h1 class="payTitle">Card Information</h1>
140             <div class="cardIcons">
141                 <noscript><img decoding="async" src="./img/visa.png" width="40" alt="" class="cardIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20
142                 <noscript><img decoding="async" src="./img/master.png" alt="" width="40" class="cardIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%
143             </div>
144             <input type="password" class="payInput" placeholder="Card Number">
145             <div class="cardInfo">
146                 <input type="text" placeholder="mm" class="payInput sm">
147                 <input type="text" placeholder="yyyy" class="payInput sm">
```



```
index.html  style.css  app.js
index.html > html > body > div#product.product > div.productDetails > button.productButton
147                 <input type="text" placeholder="yyyy" class="payInput sm">
148                 <input type="text" placeholder="cvv" class="payInput sm">
149             </div>
150             <button class="payButton">Checkout!</button>
151             <span class="close">X</span>
152         </div>
153     </div>
154     <div class="gallery">
155         <div class="galleryItem">
156             <h1 class="galleryTitle">Be Yourself!</h1>
157             <noscript><img decoding="async" src="https://images.pexels.com/photos/13159244/pexels-photo-13159244.jpeg"
158                 alt="" class="galleryImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%2
159                 alt="" class=" lazy  galleryImg">
160         </div>
161         <div class="galleryItem">
162             <noscript><img decoding="async" src="https://images.pexels.com/photos/2982100/pexels-photo-2982100.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1"
163                 alt="" class="galleryImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%2
164                 alt="" class=" lazy  galleryImg">
165             <h1 class="galleryTitle">This is the First Day of Your New Life</h1>
166         </div>
167         <div class="galleryItem">
168             <h1 class="galleryTitle">Just Do it!</h1>
169             <noscript><img decoding="async" src="https://images.pexels.com/photos/1018911/pexels-photo-1018911.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1"
170                 alt="" class="galleryImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%2
171                 alt="" class=" lazy  galleryImg">
172         </div>
173     </div>
174     <div class="newSeason">
175         <div class="nsItem">
176             <noscript><img decoding="async" src="https://images.pexels.com/photos/34514/spot-runs-start-la.jpg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1"
177                 alt="" class="nsImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%20%22%
178                 alt="" class=" lazy  nsImg">
179         </div>
180         <div class="nsItem">
181             <h3 class="nsTitleSm">WINTER NEW ARRIVALS</h3>
182             <h1 class="nsTitle">New Season</h1>
183             <h1 class="nsTitle">New Collection</h1>
```

index.html | style.css | app.js

index.html > html > body > div#product.product > div.productDetails > button.productButton

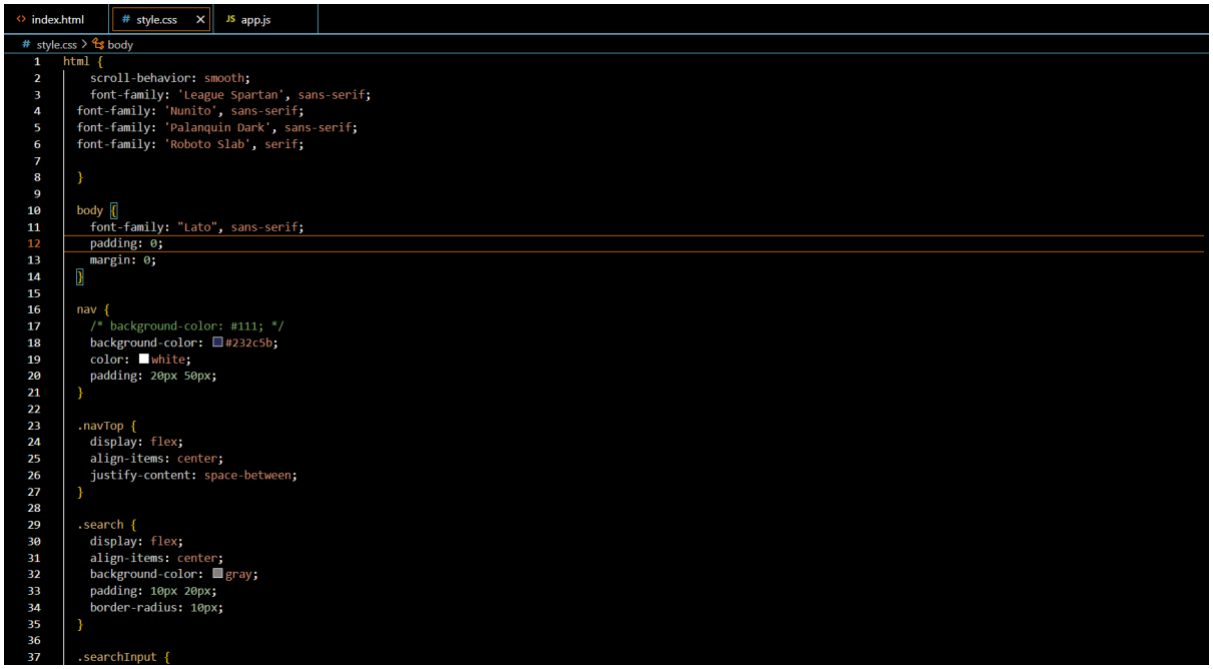
```
            <h1 class="nsTitle">New Collection</h1>
            <a href="#nav">
                <button class="nsButton">CHOOSE YOUR STYLE</button>
            </a>
        </div>
        <div class="nsItem">
            <noscript><img decoding="async" src="https://images.pexels.com/photos/7856965/pexels-photo-7856965.jpeg?auto=compress&cs=tinysrgb&dpr=2&w=500"
                alt="" class="nsImg"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%20%22%
                alt="" class=" lazy  nsImg">
        </div>
    </div>
    <footer>
        <div class="footerLeft">
            <div class="footerMenu">
                <h1 class="fMenuTitle">About Us</h1>
                <ul class="fList">
                    <li class="fListItem">Company</li>
                    <li class="fListItem">Contact</li>
                    <li class="fListItem">Careers</li>
                    <li class="fListItem">Affiliates</li>
                    <li class="fListItem">Stores</li>
                </ul>
            </div>
            <div class="footerMenu">
                <h1 class="fMenuTitle">Useful Links</h1>
                <ul class="fList">
                    <li class="fListItem">Support</li>
                    <li class="fListItem">Refund</li>
                    <li class="fListItem">FAQ</li>
                    <li class="fListItem">Feedback</li>
                    <li class="fListItem">Stories</li>
                </ul>
            </div>
            <div class="footerMenu">
                <h1 class="fMenuTitle">Products</h1>
                <ul class="fList">
                    <li class="fListItem">Air Force</li>
```

index.html | style.css | app.js

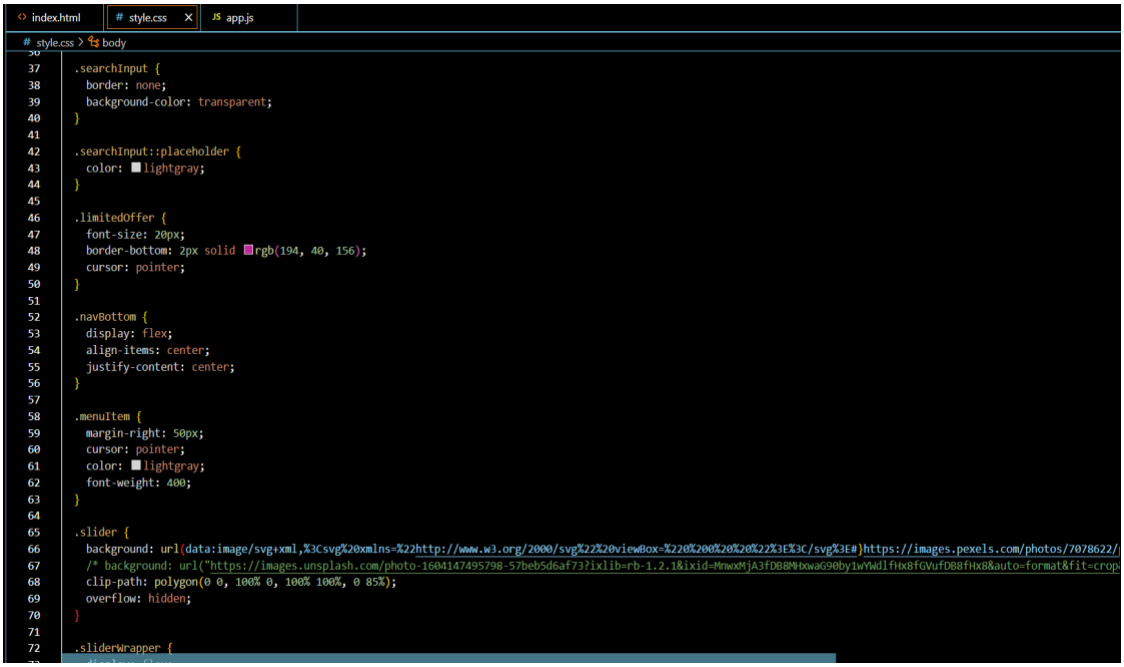
index.html > html > body > div#product.product > div.productDetails > button.productButton

```
                    <li class="fListItem">Air Force</li>
                    <li class="fListItem">Air Jordan</li>
                    <li class="fListItem">Blazer</li>
                    <li class="fListItem">Crater</li>
                    <li class="fListItem">Hippie</li>
                </ul>
            </div>
        </div>
        <div class="footerRight">
            <div class="footerRightMenu">
                <h1 class="fMenuTitle">Subscribe to our newsletter</h1>
                <div class="fMail">
                    <input type="text" placeholder="your@email.com" class="fInput">
                    <button class="fButton">Join!</button>
                </div>
            </div>
            <div class="footerRightMenu">
                <h1 class="fMenuTitle">Follow Us</h1>
                <div class="fIcons">
                    <noscript><img decoding="async" src="./img/facebook.png" alt="" class="fIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=
                    <noscript><img decoding="async" src="./img/twitter.png" alt="" class="fIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=%
                    <noscript><img decoding="async" src="./img/instagram.png" alt="" class="fIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns
                    <noscript><img decoding="async" src="./img/whatsapp.png" alt="" class="fIcon"></noscript><img decoding="async" src='data:image/svg+xml,%3Csvg%20xmlns=
                </div>
            </div>
            <div class="footerRightMenu">
                <span class="copyright">@John Doe. All rights reserved. 2022.</span>
            </div>
        </div>
    </footer>
    <script data-two_delay_id="two_65421f58071e6" data-two_delay_src="./app.js"></script>
</body>

</html>
```

Style.css



```
index.html | style.css | app.js
style.css > body
1  html {
2      scroll-behavior: smooth;
3      font-family: 'League Spartan', sans-serif;
4    font-family: 'Nunito', sans-serif;
5    font-family: 'Palanquin Dark', sans-serif;
6    font-family: 'Roboto Slab', serif;
7
8    }
9
10   body {
11     font-family: "Lato", sans-serif;
12     padding: 0;
13     margin: 0;
14   }
15
16   nav {
17     /* background-color: #111; */
18     background-color: #232c5b;
19     color: white;
20     padding: 20px 50px;
21   }
22
23   .navTop {
24     display: flex;
25     align-items: center;
26     justify-content: space-between;
27   }
28
29   .search {
30     display: flex;
31     align-items: center;
32     background-color: gray;
33     padding: 10px 20px;
34     border-radius: 10px;
35   }
36
37   .searchInput {
```



```
index.html | style.css | app.js
style.css > body
37   .searchInput {
38     border: none;
39     background-color: transparent;
40   }
41
42   .searchInput::placeholder {
43     color: lightgray;
44   }
45
46   .limitedOffer {
47     font-size: 20px;
48     border-bottom: 2px solid rgb(194, 40, 156);
49     cursor: pointer;
50   }
51
52   .navBottom {
53     display: flex;
54     align-items: center;
55     justify-content: center;
56   }
57
58   .menuItem {
59     margin-right: 50px;
60     cursor: pointer;
61     color: lightgray;
62     font-weight: 400;
63   }
64
65   .slider {
66     background: url(data:image/svg+xml,%3Csvg%20xmlns=%22http://www.w3.org/2000/svg%22%20viewBox=%220%200%20%20%22%3E%3C/svg%3E#)https://images.pexels.com/photos/7078622/
67     /* background: url("https://images.unsplash.com/photo-1604147495798-57beb5d6af73?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop
68     clip-path: polygon(0 0, 100% 0, 100% 100%, 0 85%);
69     overflow: hidden;
70   }
71
72   .sliderWrapper {
```

index.html | style.css | app.js

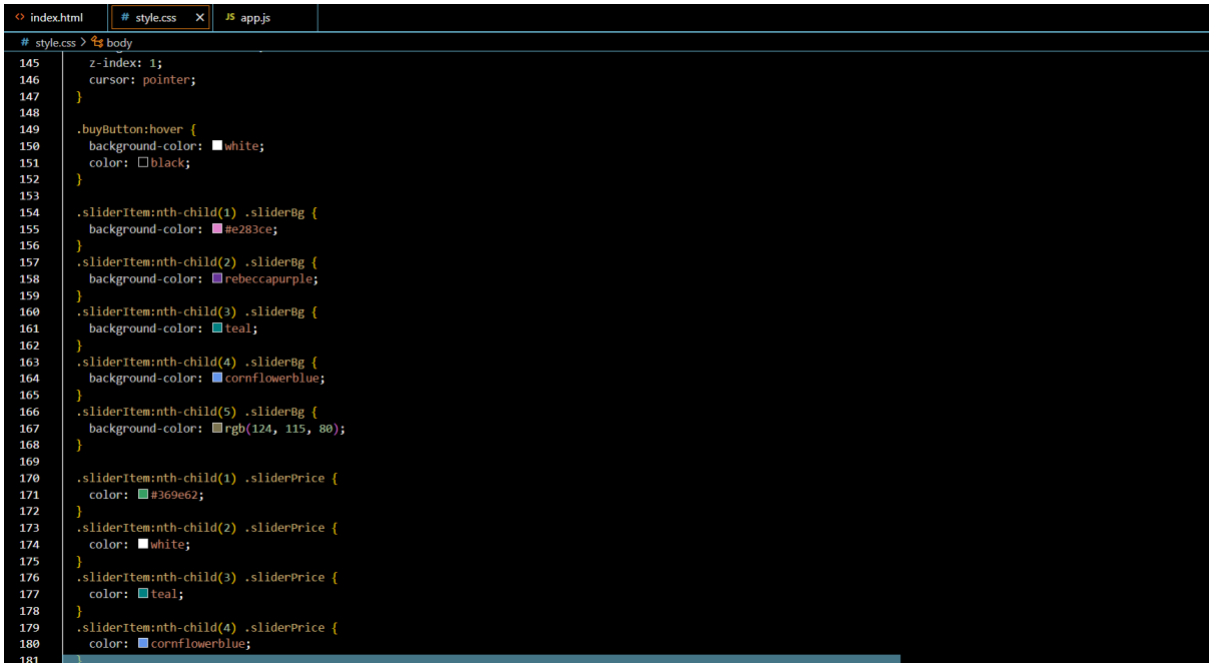
style.css > body

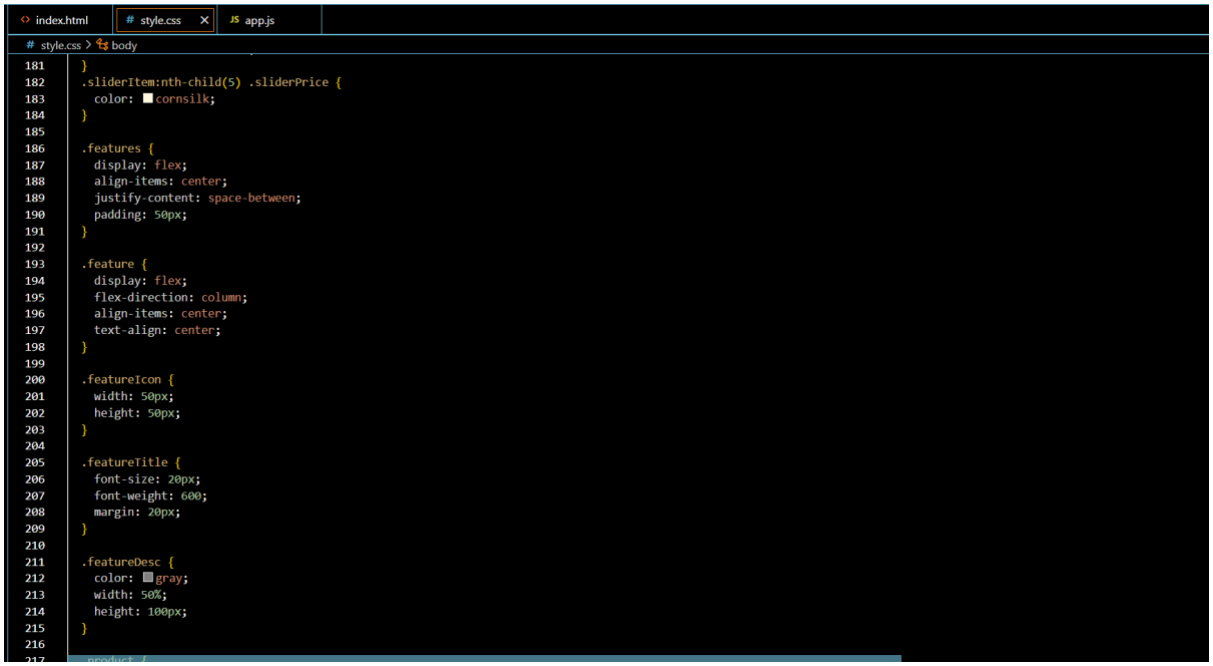
```
    display: flex;
    width: 500vw;
    transition: all 1.5s ease-in-out;
  }


  .sliderItem {
    width: 100vw;
    display: flex;
    align-items: center;
    justify-content: center;
    position: relative;
  }

  .sliderBg {
    width: 750px;
    height: 750px;
    border-radius: 50%;
    position: absolute;
  }

  .sliderImg {
    z-index: 1;
  }
  #firsts{
    width: 60rem;
  }
  #jordan{
    width:50rem;
    transform: rotate(20deg);
  }
  #thirds{
    width: 50rem;
    transform: rotate(20deg);
    /* filter: invert(100%); */
  }
  #crater{
```

index.html | style.css | app.js

style.css > body

```
  #crater{
    width: 50rem;
  }

  .sliderTitle {
    position: absolute;
    top: 10%;
    right: 10%;
    font-size: 60px;
    font-weight: 900;
    text-align: center;
    color: rgb(44, 182, 32);
    z-index: 1;
  }

  .sliderPrice {
    position: absolute;
    top: 10%;
    left: 10%;
    font-size: 60px;
    font-weight: 300;
    text-align: center;
    color: white;
    border: 1px solid gray;
    z-index: 1;
  }

  .buyButton {
    position: absolute;
    top: 50%;
    right: 10%;
    font-size: 30px;
    font-weight: 900;
    color: white;
    border: 1px solid gray;
    background-color: black;
    z-index: 1;
```


index.html
style.css
app.js
style.css > body
z-index: 1;
cursor: pointer;
}
.buyButton:hover {
background-color: white;
color: black;
}
.sliderItem:nth-child(1) .sliderBg {
background-color: #e283ce;
}
.sliderItem:nth-child(2) .sliderBg {
background-color: rebeccapurple;
}
.sliderItem:nth-child(3) .sliderBg {
background-color: teal;
}
.sliderItem:nth-child(4) .sliderBg {
background-color: cornflowerblue;
}
.sliderItem:nth-child(5) .sliderBg {
background-color: rgb(124, 115, 80);
}
.sliderItem:nth-child(1) .sliderPrice {
color: #369e62;
}
.sliderItem:nth-child(2) .sliderPrice {
color: white;
}
.sliderItem:nth-child(3) .sliderPrice {
color: teal;
}
.sliderItem:nth-child(4) .sliderPrice {
color: cornflowerblue;


index.html
style.css
app.js
style.css > body
}
.sliderItem:nth-child(5) .sliderPrice {
color: cornsilk;
}
.features {
display: flex;
align-items: center;
justify-content: space-between;
padding: 50px;
}
.feature {
display: flex;
flex-direction: column;
align-items: center;
text-align: center;
}
.featureIcon {
width: 50px;
height: 50px;
}
.featureTitle {
font-size: 20px;
font-weight: 600;
margin: 20px;
}
.featureDesc {
color: gray;
width: 50%;
height: 100px;
}

index.html | style.css | app.js

style.css > body

```
.product {
  height: 100vh;
  background-color: rgb(107, 101, 101);
  position: relative;
  clip-path: polygon(0 15%, 100% 0, 100% 100%, 0% 100%);
}

.payment {
  width: 500px;
  height: 500px;
  background-color: white;
  position: absolute;
  top: 0;
  bottom: 0;
  left: 0;
  right: 0;
  margin: auto;
  padding: 10px 50px;
  display: none;
  flex-direction: column;
  -webkit-box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
  box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
}

.payTitle {
  font-size: 20px;
  color: lightgray;
}

label {
  font-size: 14px;
  font-weight: 300;
}

.payInput {
  padding: 10px;
  margin: 10px 0px;
```

index.html | style.css | app.js

style.css > body

```
  margin: 10px 0px;
  border: none;
  border-bottom: 1px solid gray;
}

.payInput::placeholder {
  color: rgb(163, 163, 163);
}

.cardIcons {
  display: flex;
}

.cardIcon {
  margin-right: 10px;
}

.cardInfo {
  display: flex;
  justify-content: space-between;
}

.sm {
  width: 30%;
}

.payButton {
  position: absolute;
  height: 40px;
  bottom: -40;
  width: 100%;
  left: 0;
  -webkit-box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
  box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
  background-color: #369e62;
  color: white;
  border: none;
```

index.html | style.css | app.js

style.css > body

```
    border: none;
    cursor: pointer;
  }

  .close {
    width: 20px;
    height: 20px;
    position: absolute;
    background-color: gray;
    color: white;
    top: 10px;
    right: 10px;
    display: flex;
    align-items: center;
    justify-content: center;
    cursor: pointer;
    padding: 2px;
  }

  .productImg {
    width: 50%;
    margin-top: 6rem;
  }

  .productDetails {
    position: absolute;
    top: 10%;
    right: 0;
    width: 40%;
    padding: 50px;
  }

  .productTitle {
    font-size: 75px;
    font-weight: 900;
  }
```

index.html | style.css | app.js

style.css > body

```
  .productDesc {
    font-style: 24px;
    color: rgb(241, 234, 234);
  }

  .colors,
  .sizes {
    display: flex;
    margin-bottom: 20px;
  }

  .color {
    width: 32px;
    height: 32px;
    border-radius: 5px;
    background-color: rgb(255, 247, 247);
    margin-right: 10px;
    cursor: pointer;
  }

  .color:last-child {
    background-color: darkblue;
  }

  .size {
    padding: 5px 20px;
    border: 1px solid black;
    margin-right: 10px;
    cursor: pointer;
    font-size: 20px;
  }

  .productButton {
    float: right;
    padding: 10px 20px;
    background-color: black;
```

index.html | style.css | app.js

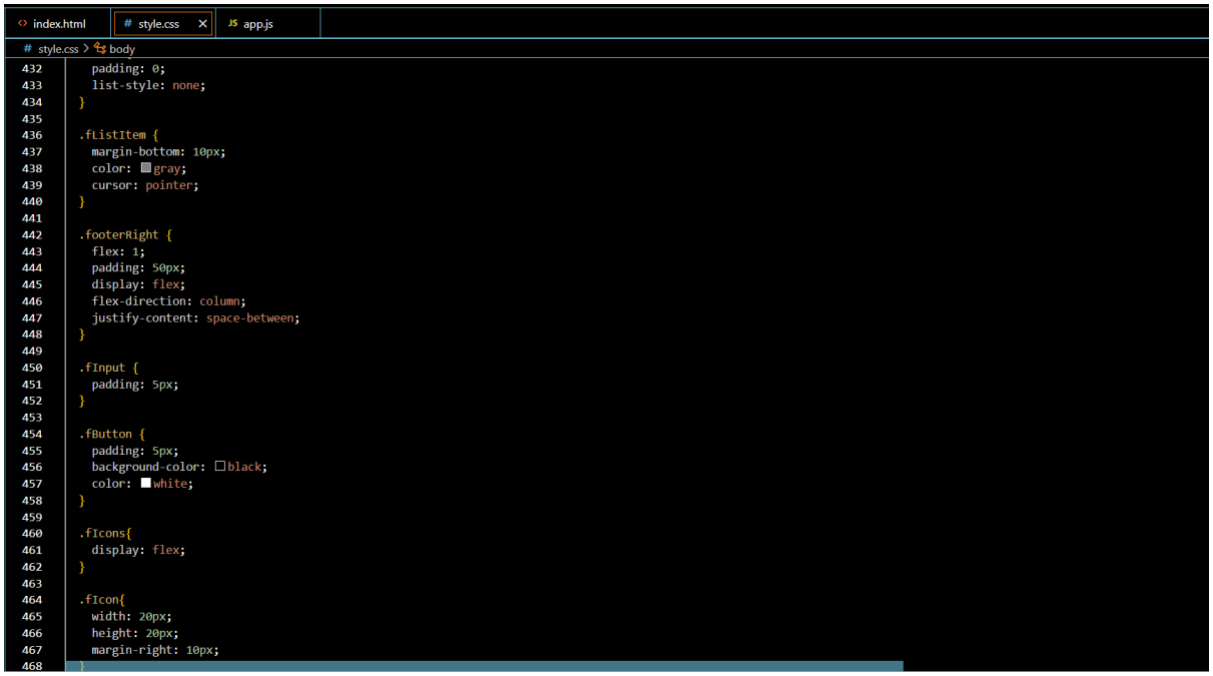
style.css > body

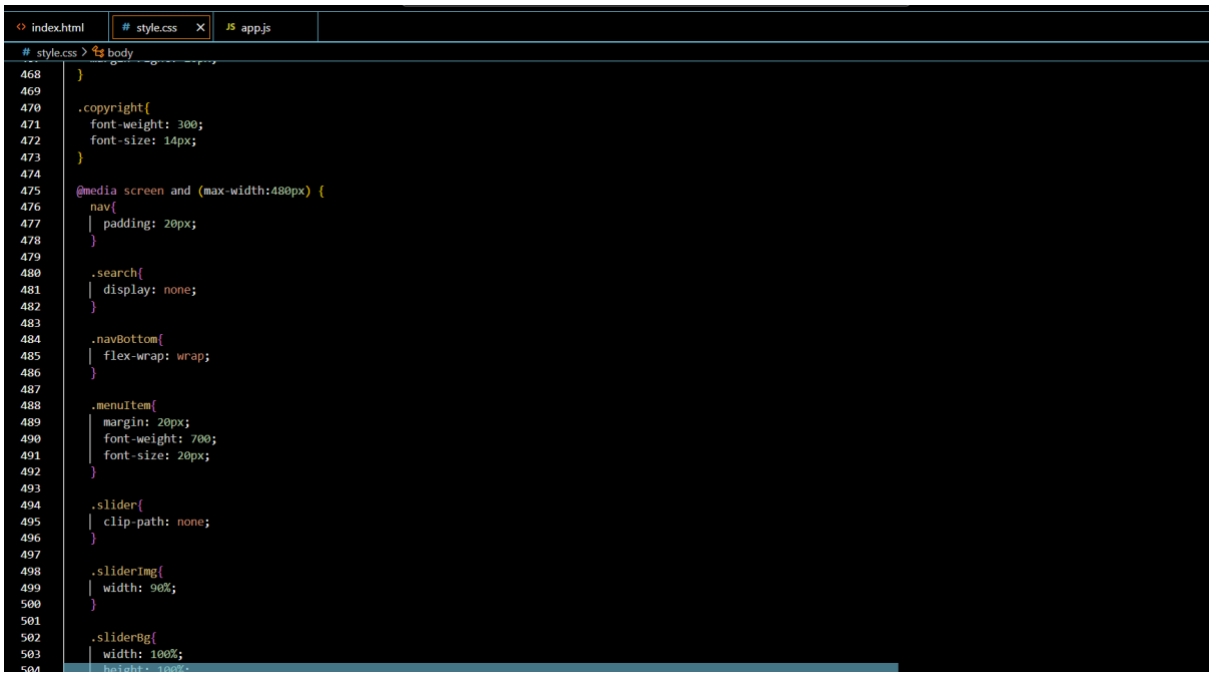
```
361     background-color: black;
362     color: white;
363     font-weight: 600;
364     cursor: pointer;
365   }
366
367   .productButton:hover {
368     background-color: white;
369     color: black;
370   }
371
372   .gallery {
373     padding: 50px;
374     display: flex;
375   }
376
377   .galleryItem {
378     flex: 1;
379     padding: 50px;
380   }
381
382   .galleryImg {
383     width: 100%;
384   }
385
386   .newSeason {
387     display: flex;
388   }
389
390   .nsItem {
391     flex: 1;
392     background-color: black;
393     color: white;
394     display: flex;
395     flex-direction: column;
396     align-items: center;
397     justify-content: center;
```

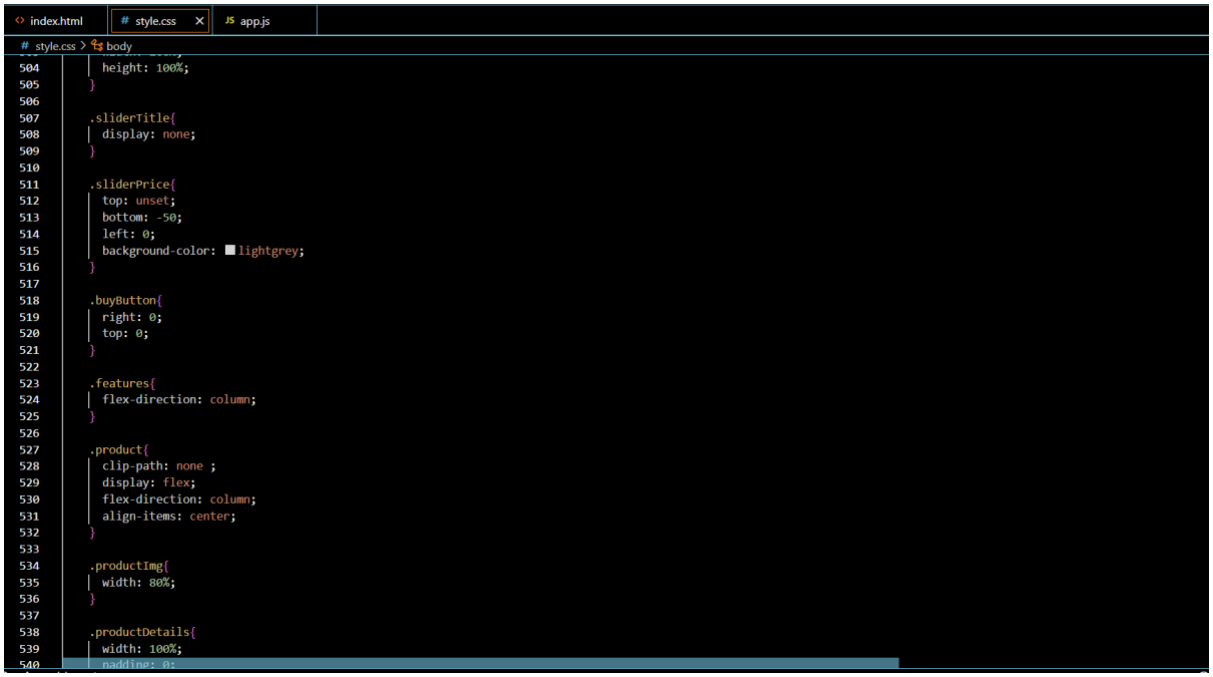
index.html | style.css | app.js

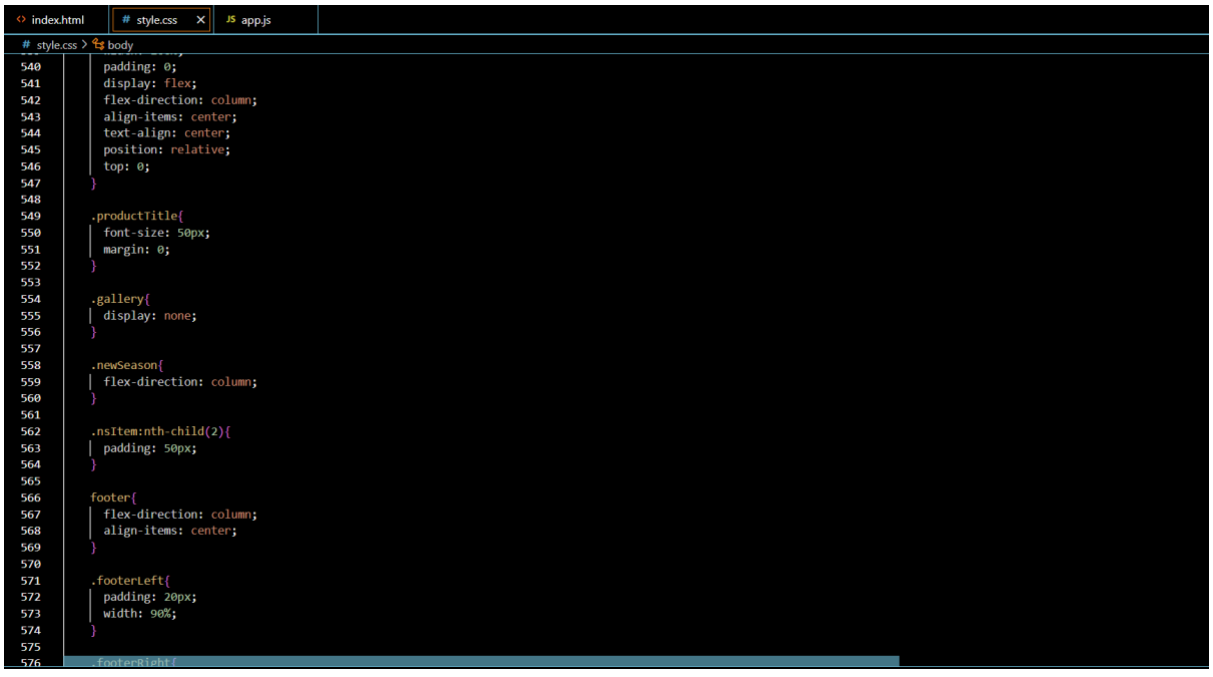
style.css > body

```
397     justify-content: center;
398     text-align: center;
399   }
400
401   .nsImg {
402     width: 100%;
403     height: 500px;
404   }
405
406   .nsTitle {
407     font-size: 40px;
408   }
409
410   .nsButton {
411     padding: 15px;
412     font-weight: 600;
413     cursor: pointer;
414   }
415
416   footer {
417     display: flex;
418   }
419
420   .footerLeft {
421     flex: 2;
422     display: flex;
423     justify-content: space-between;
424     padding: 50px;
425   }
426
427   .fMenuTitle {
428     font-size: 16px;
429   }
430
431   .fList {
432     padding: 0;
```


index.html
style.css
app.js
style.css > body
padding: 0;
list-style: none;
}
.fListItem {
margin-bottom: 10px;
color: gray;
cursor: pointer;
}
.footerRight {
flex: 1;
padding: 50px;
display: flex;
flex-direction: column;
justify-content: space-between;
}
.fInput {
padding: 5px;
}
.fButton {
padding: 5px;
background-color: black;
color: white;
}
.fIcons{
display: flex;
}
.fIcon{
width: 20px;
height: 20px;
margin-right: 10px;
}


index.html
style.css
app.js
style.css > body
}
.copyright{
font-weight: 300;
font-size: 14px;
}
@media screen and (max-width:480px) {
nav{
padding: 20px;
}
.search{
display: none;
}
.navBottom{
flex-wrap: wrap;
}
.menuItem{
margin: 20px;
font-weight: 700;
font-size: 20px;
}
.slider{
clip-path: none;
}
.sliderImg{
width: 90%;
}
.sliderBg{
width: 100%;


index.html
style.css
app.js
style.css > body
504 height: 100%;
505 }
506
507 .sliderTitle{
508 display: none;
509 }
510
511 .sliderPrice{
512 top: unset;
513 bottom: -50;
514 left: 0;
515 background-color: lightgrey;
516 }
517
518 .buyButton{
519 right: 0;
520 top: 0;
521 }
522
523 .features{
524 flex-direction: column;
525 }
526
527 .product{
528 clip-path: none ;
529 display: flex;
530 flex-direction: column;
531 align-items: center;
532 }
533
534 .productImg{
535 width: 80%;
536 }
537
538 .productDetails{
539 width: 100%;
540 padding: 0;


index.html
style.css
app.js
style.css > body
540 padding: 0;
541 display: flex;
542 flex-direction: column;
543 align-items: center;
544 text-align: center;
545 position: relative;
546 top: 0;
547 }
548
549 .productTitle{
550 font-size: 50px;
551 margin: 0;
552 }
553
554 .gallery{
555 display: none;
556 }
557
558 .newSeason{
559 flex-direction: column;
560 }
561
562 .nsItem:nth-child(2){
563 padding: 50px;
564 }
565
566 footer{
567 flex-direction: column;
568 align-items: center;
569 }
570
571 .footerLeft{
572 padding: 20px;
573 width: 90%;
574 }
575
576 .footerRight{

index.html | style.css | app.js

style.css > body

```
576     .footerRight{
577       padding: 20px;
578       width: 90%;
579       align-items: center;
580       background-color: whitesmoke;
581     }
582
583     .payment{
584       width: 90%;
585       padding: 20px;
586     }
587   }
```

App.js

index.html | style.css | app.js

app.js > ...

```
1   const wrapper = document.querySelector(".sliderWrapper");
2   const menuItems = document.querySelectorAll(".menuItem");
3   const products = [
4     {
5       id: 1,
6       title: "Air Force",
7       price: 119,
8       colors: [
9         {
10          code: "black",
11          img: "./img/air.png",
12        },
13        {
14          code: "darkblue",
15          img: "./img/air2.png",
16        },
17      ],
18    },
19    {
20      id: 2,
21      title: "Air Jordan",
22      price: 149,
23      colors: [
24        {
25          code: "lightgray",
26          img: "./img/jordan.png",
27        },
28        {
29          code: "green",
30          img: "./img/jordan2.png",
31        },
32      ],
33    },
34    {
35      id: 3,
36      title: "Blazer",
37      price: 109,
```

index.html | style.css | app.js

app.js > ...

```
    colors: [
      {
        code: "lightgray",
        img: "./img/blazer.png",
      },
      {
        code: "green",
        img: "./img/blazer2.png",
      },
    ],
  },
  {
    id: 4,
    title: "Crater",
    price: 129,
    colors: [
      {
        code: "black",
        img: "./img/crater.png",
      },
      // {
      //   code: "lightgray",
      //   img: "./img/crater2.png",

      // },
    ],
  },
  {
    id: 5,
    title: "Hippie",
    price: 99,
    colors: [
      {
        code: "gray",
        img: "./img/hippie.png",
      },
      {
```

index.html | style.css | app.js

app.js > ...

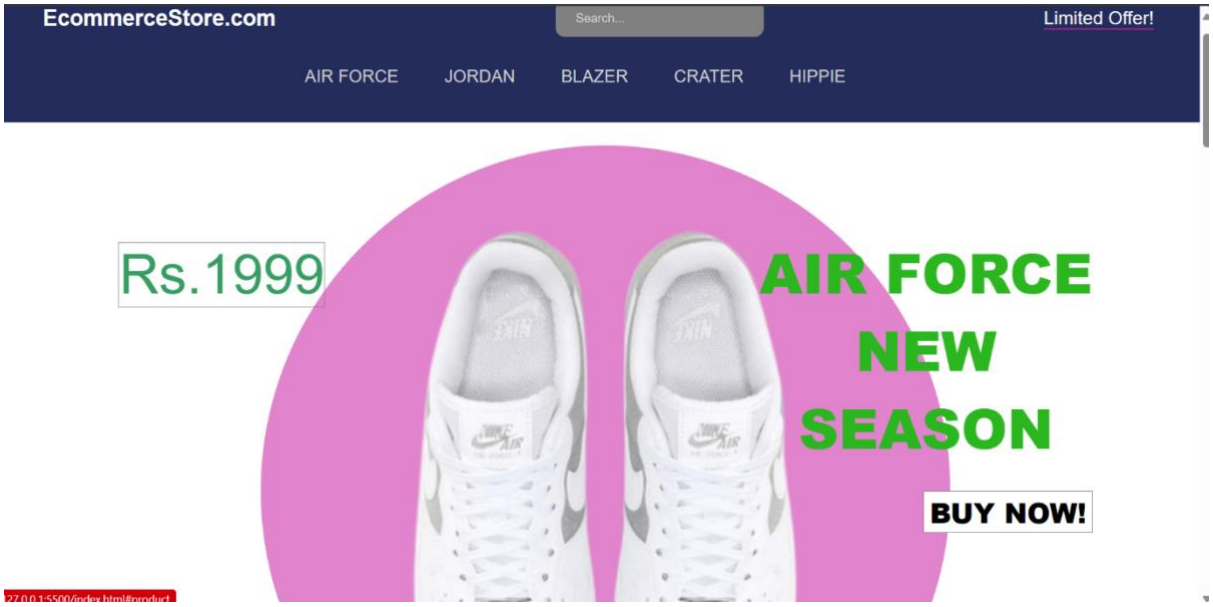
```
        code: "black",
        img: "./img/hippie2.png",
      },
    ],
  },
];

let choosenProduct = products[0];

const currentProductImg = document.querySelector(".productImg");
const currentProductTitle = document.querySelector(".productTitle");
const currentProductPrice = document.querySelector(".productPrice");
const currentProductColors = document.querySelectorAll(".color");
const currentProductSizes = document.querySelectorAll(".size");

menuItems.forEach((item, index) => {
  item.addEventListener("click", () => {
    //change the current slide
    wrapper.style.transform = `translateX(${-100 * index}vw)`;

    //change the choosen product
    choosenProduct = products[index];

    //change texts of currentProduct
    currentProductTitle.textContent = choosenProduct.title;
    currentProductPrice.textContent = "$" + choosenProduct.price;
    currentProductImg.src = choosenProduct.colors[0].img;

    //assing new colors
    currentProductColors.forEach((color, index) => {
      color.style.backgroundColor = choosenProduct.colors[index].code;
    });
  });
});

currentProductColors.forEach((color, index) => {
  color.addEventListener("click", () => {
```

index.html | style.css | app.js

app.js > ...

```
111    color.addEventListener("click", () => {
112      currentProductImg.src = choosenProduct.colors[index].img;
113    });
114  });
115
116  currentProductSizes.forEach((size, index) => {
117    size.addEventListener("click", () => {
118      currentProductSizes.forEach((size) => {
119        size.style.backgroundColor = "white";
120        size.style.color = "black";
121      });
122      size.style.backgroundColor = "black";
123      size.style.color = "white";
124    });
125  });
126
127  const productButton = document.querySelector(".productButton");
128  const payment = document.querySelector(".payment");
129  const close = document.querySelector(".close");
130
131  productButton.addEventListener("click", () => {
132    payment.style.display = "flex";
133  });
134
135  close.addEventListener("click", () => {
136    payment.style.display = "none";
137  });
```

Output:



An e-commerce project is a complex endeavor that involves various stakeholders, from developers and designers to marketers and customer support teams. Success in e-commerce often depends on the ability to adapt to changing market conditions and customer preferences while maintaining a seamless and secure online shopping experience.