

	A	B	C	D
1	BUILD RESUABLE COMPONENTS (CART,PRODUCT,PRODU			
2	USE LOCAL STORAGE TO FETCH OR RENDER CART ITEMS			
3	TO OPTIMIZED CODE BY MAP			
4	RESPONSIVE DESIGN			

5				
6	<b>challenges and solutions</b>			
7	DYNAMIC ROUTING			
8	REUSABLE CODE			



Workbook5

150%

Home Layout Tables Charts SmartArt Formulas Data Review

Font: Calibri (Body), 12, A<sup>-</sup>, A<sup>+</sup>, B, I, U, Color, Background Color, Font Color

Alignment: abc, Wrap Text, Merge

Number: General, %, .00, .00

Format: Normal, Bad

Cells: Insert, Delete, Format, Themes

D5

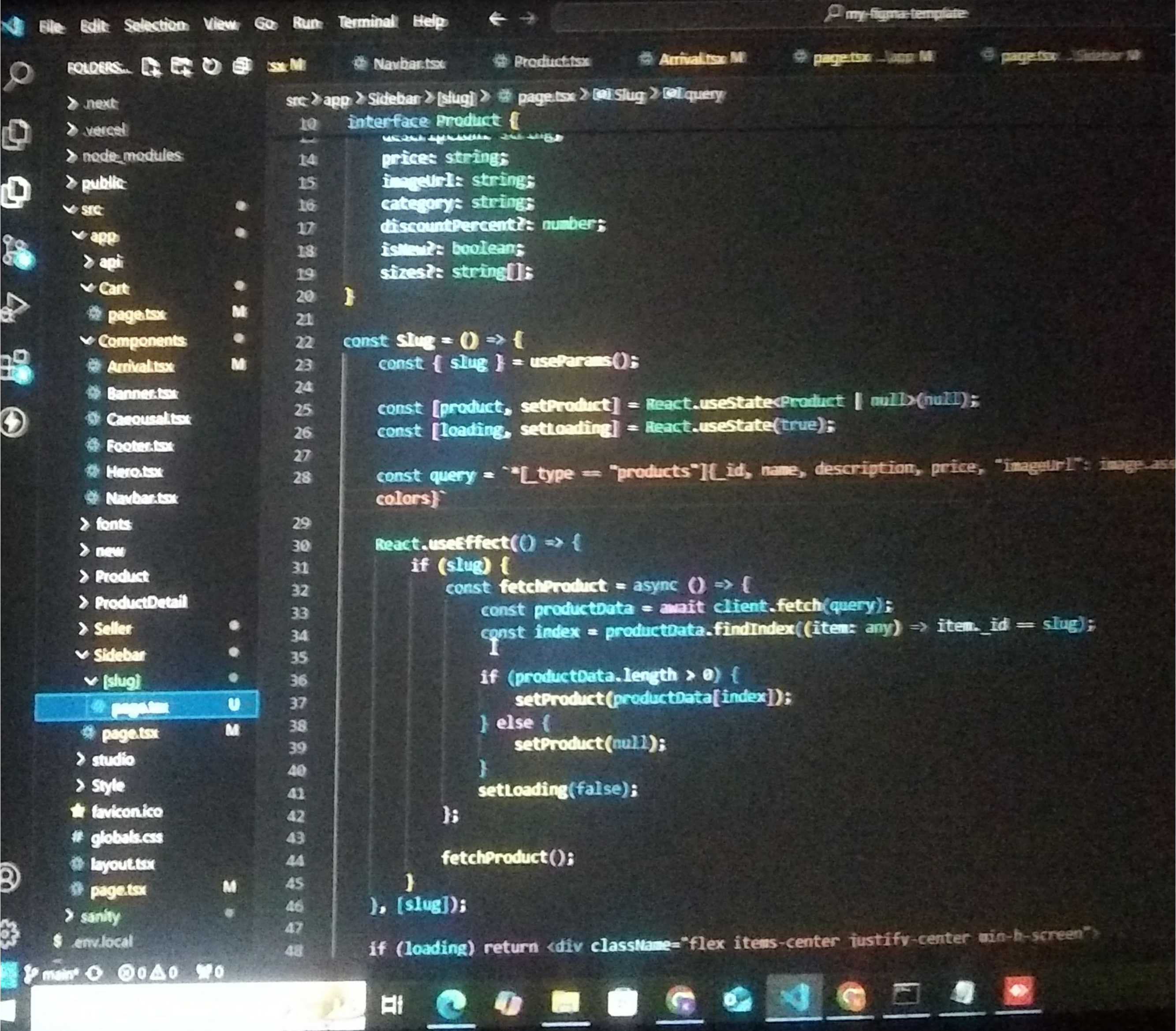
	A	B	C	D	E	F	G	H	I	J	K	L
1	BUILD RESUABLE COMPONENTS (CART,PRODUCT,PRODUCTDETAIL,ORDER SUMMARY).							STEP TO BUILD AND INTEGRAT COMPONENTS				
2	USE LOCAL STORAGE TO FETCH OR RENDER CART ITEMS											
3	TO OPTIMIZED CODE BY MAP											
4	RESPONSIVE DESIGN											
5												
6	challenges and solutions											
7	DYNAMIC ROUTING											
8	REUSABLE CODE											
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```
src > app > Components > Arrival.tsx > Arrival > calculateDiscount
```

```
1 import React from "react";
2 import Image from "next/image";
3 import { client } from "@sanity/lib/client";
4 import Link from "next/link";
5 import { FaStar } from "react-icons/fa";
6
7 type ArrData = {
8   id: number;
9   imageUrl: string;
10  name: string;
11  price: string;
12  priceWas: string;
13  rating: number;
14 };
15
16 async function Arrival () {
17
18   const card: ArrData[] = await client.fetch(`*[_type == "products"][_id,name,description,price,"imageUrl":image.asset->url,ca
19   const calculateDiscount = (price: string, priceWas: string) => {
20     if (priceWas) {
21       const discount =
22         ((parseFloat(priceWas.replace("$", "")) -
23           parseFloat(price.replace("$", ""))) /
24          parseFloat(priceWas.replace("$", ""))) *
25         100;
26       return Math.round(discount);
27     }
28     return 0;
29   };
30   return (
31     <div id="arrival">
32       { /* NEW ARRIVALS Heading */ }
33       <div className="text-center mt-12 mb-6">
34         <h1
35           className="font-IntegralCF text-4xl font-extrabold leading-[57.6px] text-center" >
36           Arrival
37         </h1>
38       </div>
39     </div>
40   );
41 }
```

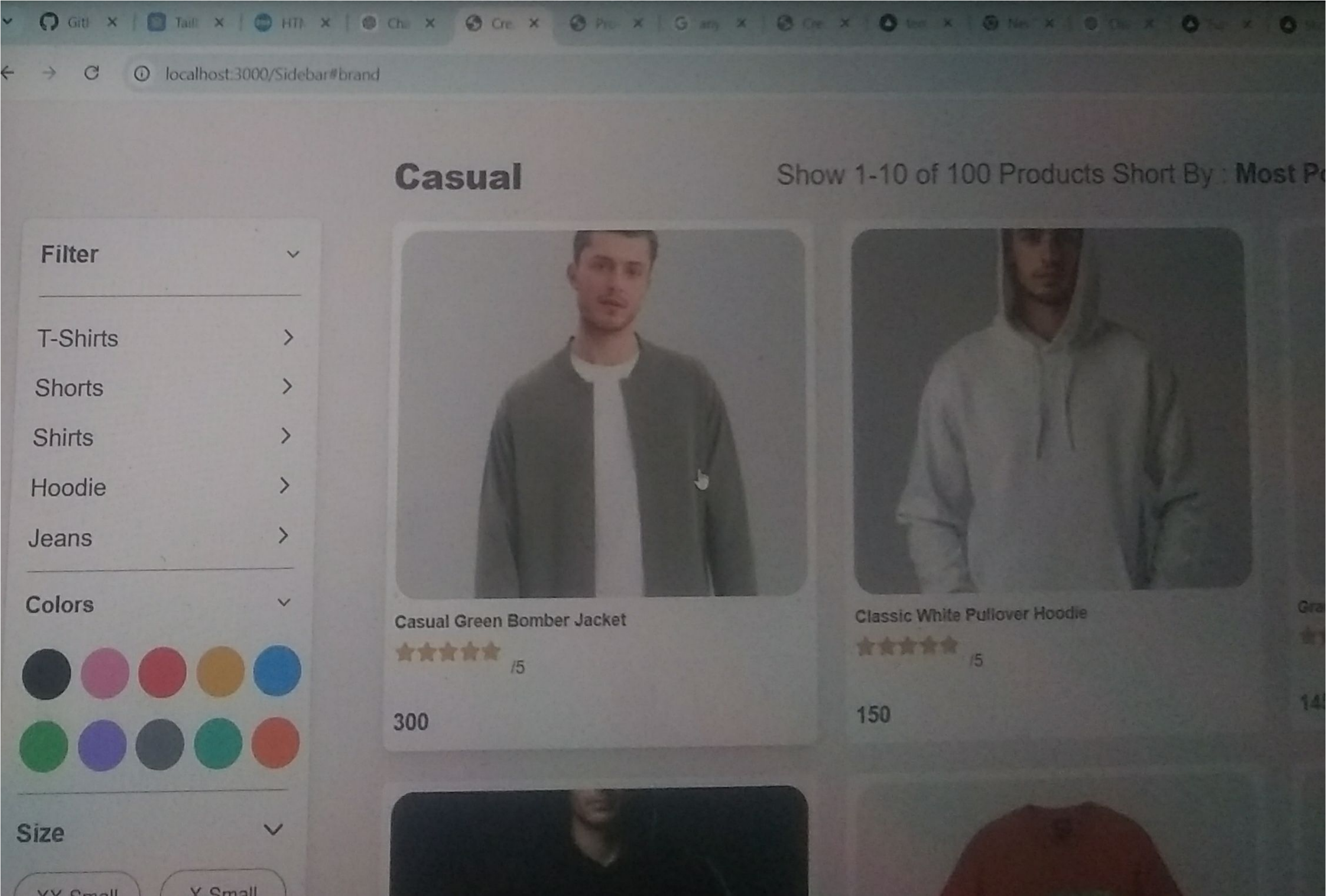




src > app > Sidebar > [slug] > page.tsx > Slug > Query

```
10 interface Product {  
11   // ...  
14   price: string;  
15   imageUrl: string;  
16   category: string;  
17   discountPercent?: number;  
18   isNew?: boolean;  
19   sizes?: string[];  
20 }  
21  
22 const slug = () => {  
23   const { slug } = useParams();  
24  
25   const [product, setProduct] = React.useState<Product | null>(null);  
26   const [loading, setLoading] = React.useState(true);  
27  
28   const query = `*[_type == "products"]{_id, name, description, price, "imageUrl": image.asset  
29     colors}`  
30  
31   React.useEffect(() => {  
32     if (slug) {  
33       const fetchProduct = async () => {  
34         const productData = await client.fetch(query);  
35         const index = productData.findIndex((item: any) => item._id === slug);  
36  
37         if (productData.length > 0) {  
38           setProduct(productData[index]);  
39         } else {  
40           setProduct(null);  
41         }  
42         setLoading(false);  
43       };  
44       fetchProduct();  
45     }  
46   }, [slug]);  
47  
48   if (loading) return <div className="flex items-center justify-center min-h-screen">
```





## Casual

Show 1-10 of 100 Products Short By : Most Popular

Filter



T-Shirts



Shorts



Shirts



Hoodie



Jeans



Colors



Size

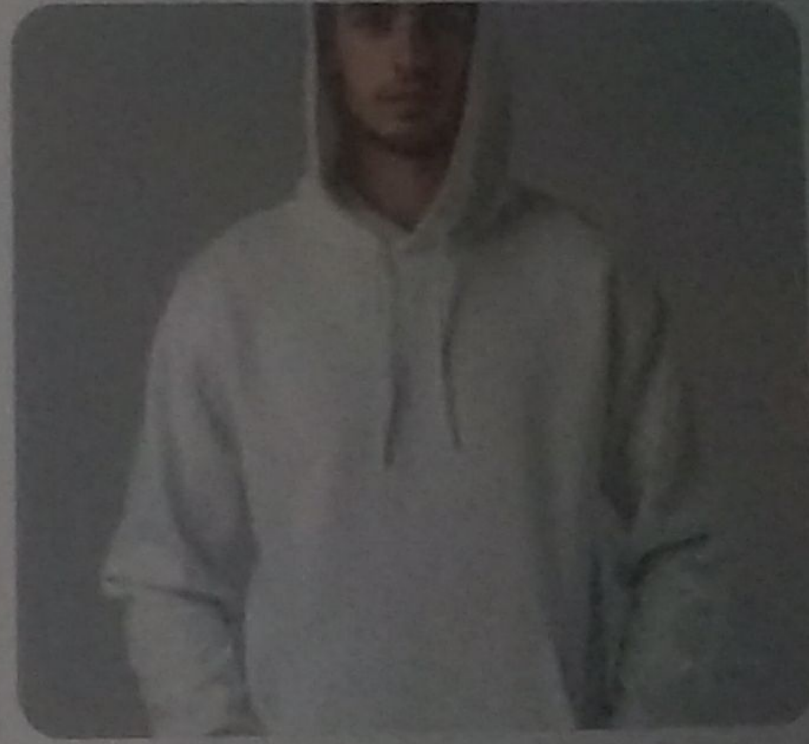


Casual Green Bomber Jacket



/5

300



Classic White Pullover Hoodie



/5

150





SHOP.CO

[Shop](#)

[On Sale](#)

[New Arrivals](#)

[Brands](#)

What are you looking for?



## Shopping Cart

1 Items

## Order Summary

### YOUR CART



Classic White Pullover Hoodie

Size: S,XL,M,L

Color: Blue,Red,Black,White

\$150.00

- 1 +

\$150.00

Subtotal

\$150.00

Discount(-20)

-\$20.00

Delivery Fee

\$15.00

Total

\$145.00



src > app > Cart > page.tsx > Cart > calculateTotal

```
1 "use client";
2 import React, { useEffect, useState } from "react";
3 import Image from "next/image";
4 import Navbar from "../Components/Navbar";
5 import Link from "next/link";
6
7 interface Cart {
8   _id: string;
9   imageUrl: string;
10  name: string;
11  category: string;
12  discountPercent: string;
13  price: number;
14  priceas?: string;
15  rating: number;
16  quantity: number;
17  sizes: string[];
18  colors: string[];
19 }
20
21 const Cart = () => {
22   const [cartItems, setCartItems] = useState<Cart[]>([]);
23
24   // Load cart data from localStorage
25   useEffect(() => {
26     const cart = localStorage.getItem("cart");
27     if (cart) {
28       const storedCart = JSON.parse(cart) as Cart[];
29       setCartItems(storedCart);
30     }
31   }, []);
32 }
```