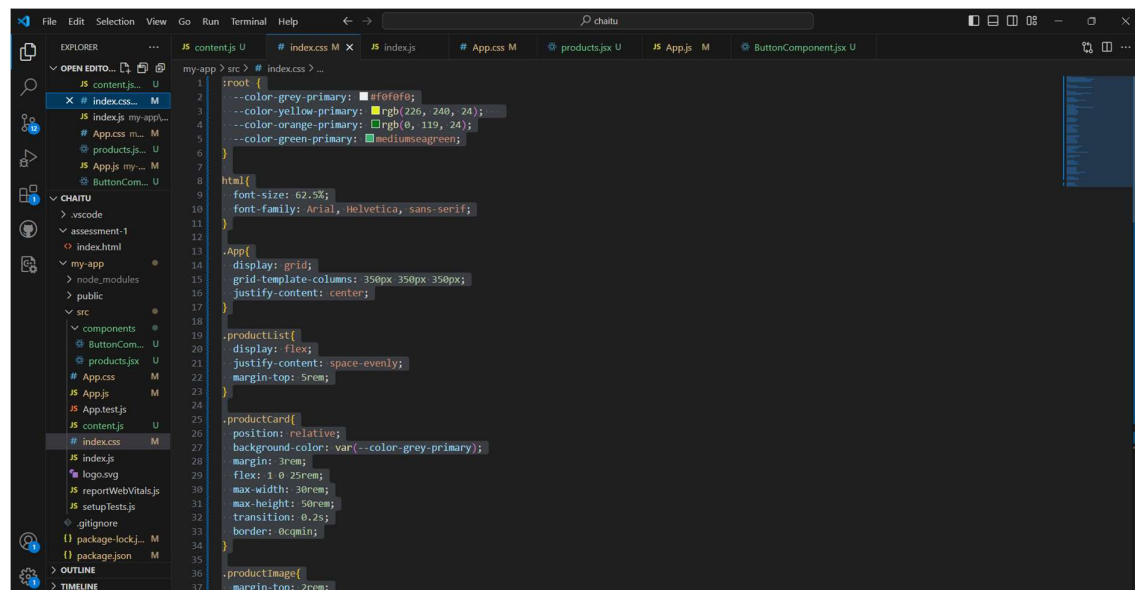


Assessment-2:

Code for the component creation :

```
my-app > src > JS App.js > App > contents.map() callback
1 import React, { useState } from 'react';
2 import { Products } from './components/products';
3 import contents from './content';
4
5 export default function App() {
6   const [clickedProducts, setClickedProducts] = useState([]);
7
8   const clickProduct = (name) => {
9     console.log('Product ${name} clicked!');
10    setClickedProducts(prevClickedProducts => [...prevClickedProducts, name]);
11  };
12
13  return (
14    <div className='App'>
15      {contents.map(content => (
16        <div key={content.id} className={`card-wrapper ${clickedProducts.includes(content.name) ? 'minimized' : ''}`>
17          <button
18            key={content.id}
19            className="card-button"
20            onClick={() => clickProduct(content.name)}
21          >
22            <Products
23              image={content.image}
24              name={content.name}
25              price={content.price}
26              totalSales={content.totalSales}
27              timeLeft={content.timeLeft}
28              rating={content.rating}
29            />
30          </button>
31        </div>
32      )
33    )}
34  </div>
35  );
36}
```



The screenshot shows the Visual Studio Code editor with a file explorer on the left and a CSS file open in the editor. The file explorer shows a project structure with folders like 'components', 'public', and 'src'. The CSS file, 'index.css', contains the following code:

```
1 root {
2   --color-grey-primary: #f0f0f0;
3   --color-yellow-primary: rgb(226, 248, 24);
4   --color-orange-primary: rgb(0, 119, 24);
5   --color-green-primary: #mediumseagreen;
6 }
7
8 html {
9   font-size: 62.5%;
10  font-family: Arial, Helvetica, sans-serif;
11 }
12
13 .App {
14   display: grid;
15   grid-template-columns: 350px 350px 350px;
16   justify-content: center;
17 }
18
19 .productList {
20   display: flex;
21   justify-content: space-around;
22   margin-top: 5rem;
23 }
24
25 .productCard {
26   position: relative;
27   background-color: var(--color-grey-primary);
28   margin: 3rem;
29   flex: 1 0 25rem;
30   max-width: 30rem;
31   max-height: 50rem;
32   transition: 0.2s;
33   border: 8px min;
34 }
35
36 .productImage {
37   margin-top: 2rem;
```

```
1  .App {
2    text-align: center;
3  }
4
5  .App-logo {
6    height: 40vmin;
7    pointer-events: none;
8  }
9
10 @media (prefers-reduced-motion: no-preference) {
11   .App-logo {
12     animation: App-logo-spin infinite 20s linear;
13   }
14 }
15
16 .App-header {
17   background-color: #282c34;
18   min-height: 100vh;
19   display: flex;
20   flex-direction: column;
21   align-items: center;
22   justify-content: center;
23   font-size: calc(10px + 2vmin);
24   color: rgb(13, 153, 234);
25 }
26
27 .App-link {
28   color: #61dafb;
29 }
30
31 .minimized .card-button {
32   width: 80%;
33   height: 80%;
34   padding: 10px;
35   margin: 5px;
36   transform: scale(0.9);
37 }
```

```

my-app > src > components > products.jsx > Products
1  import { FaShoppingCart, FaStar } from 'react-icons/fa';
2
3  export function Products(props) {
4    return(
5      <div className='productList'>
6        <div key={props.id} className='productCard'>
7          <img src={props.image} alt='product-img' className='productImage'></img>
8
9          <FaShoppingCart className={"productCard__cart"} />
10
11         <div className='productCard__content'>
12           <h3 className='productName'>{props.name}</h3>
13           <div className='displayStack_1'>
14             <div className='productPrice'>${props.price}</div>
15             <div className='productSales'>{props.totalSales} units sold</div>
16           </div>
17           <div className='displayStack_2'>
18             <div className='productRating'>
19               {[...Array(props.rating)].map((index) => (
20                 <FaStar id={index + 1 } key={index} />
21               ))}
22             </div>
23             <div className='productTime'>{props.timeLeft} days left</div>
24           </div>
25         </div>
26       </div>
27     </div>
28   )
29 }

```

```

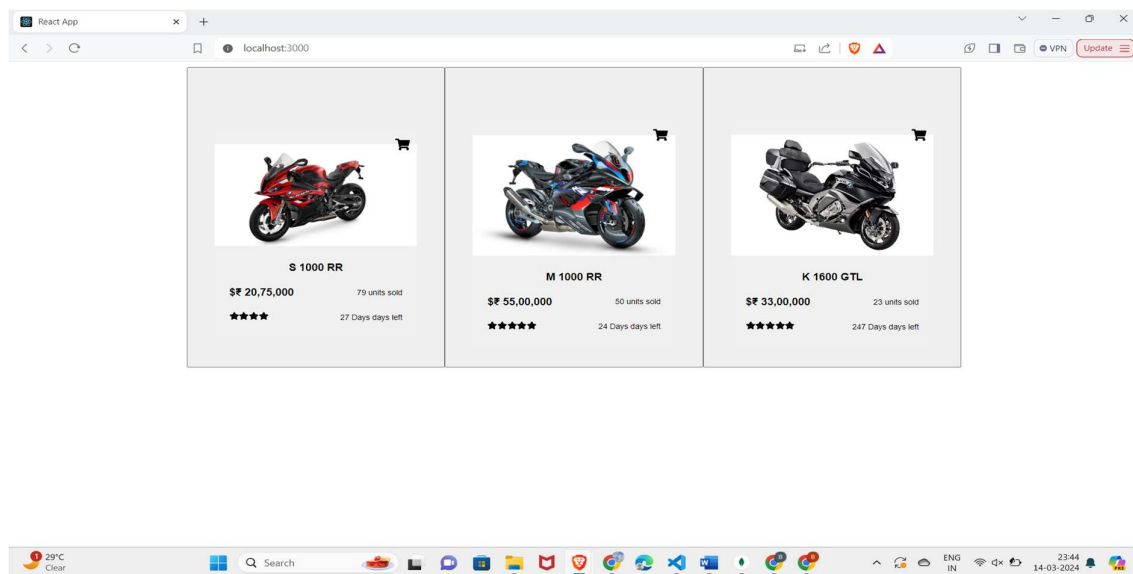
my-app > src > JS index.js > ...
1  import React from 'react';
2  import ReactDOM from 'react-dom/client';
3  import './index.css';
4  import App from './App';
5  import reportWebVitals from './reportWebVitals';
6
7  const root = ReactDOM.createRoot(document.getElementById('root'));
8  root.render(
9    <<React.StrictMode>
10     <App />
11   </React.StrictMode>
12 );
13
14 // If you want to start measuring performance in your app, pass a function
15 // to log results (for example: reportWebVitals(console.log))
16 // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
17 reportWebVitals();
18

```

```
File Edit Selection View Go Run Terminal Help
chatu
EXPLORER
  my-app > src > JS content.js > productData
  JS content.js U
  JS index.css M
  JS index.js M
  JS App.css M
  JS products.jsx U
  JS App.js M
  JS ButtonComponent.jsx U
  CHATU
  > vscode
  > assessment-1
  > index.html
  > my-app
  > node_modules
  > public
  > src
  > components
  > ButtonCom... U
  > products.jsx U
  > App.css M
  > App.js M
  > AppTest.js M
  > content.js U
  > index.css M
  > index.js M
  > logo.svg
  > reportWebVitals.js
  > setupTests.js
  > .gitignore
  > package-lock... M
  > package.json M
  OUTLINE
  > TIMELINE
  master 0 0 0 0 0
Ln 14, Col 25 Spaces 4 UTF-8 CRLF JavaScript Go Live
```

```
1 const productData = [
2   {
3     id: 1,
4     name: "S 1000 RR",
5     image: "https://images.hindustantimes.com/auto/img/2022/09/30/1600x900/2023_BMW_S_1000_RR_1664525657341_1664525668227_1664525668227.jpg",
6     productType: "Sport",
7     price: "₹ 28,75,000",
8     rating: 4,
9     timeLeft: "27 Days",
10    totalSales: 79
11  },
12  {
13    id: 2,
14    name: "M 1000 RR",
15    image: "https://cdn1.autocarindia.com/Utils/ImageResizer.ashx?n=https://cdn1.autocarindia.com/ExtraImages/20230628013800_BMW%202.jpg&w=700&c=1",
16    productType: "Race Track Model",
17    price: "₹ 55,00,000",
18    rating: 5,
19    timeLeft: "24 Days",
20    totalSales: 50
21  },
22  {
23    id: 3,
24    name: "K 1600 GTL",
25    image: "https://images.91wheels.com/assets/b_images/gallery/bmw/k-1600-gtl/bmw-k-1600-gtl-0-1703066625.jpg",
26    productType: "Travelling model",
27    price: "₹ 33,00,000",
28    rating: 5,
29    timeLeft: "247 Days",
30    totalSales: 23
31  }
32 ];
33 export default productData;
```

OUTPUT for the code :



After the button is clicked:

