

ASSIGNMENT-2

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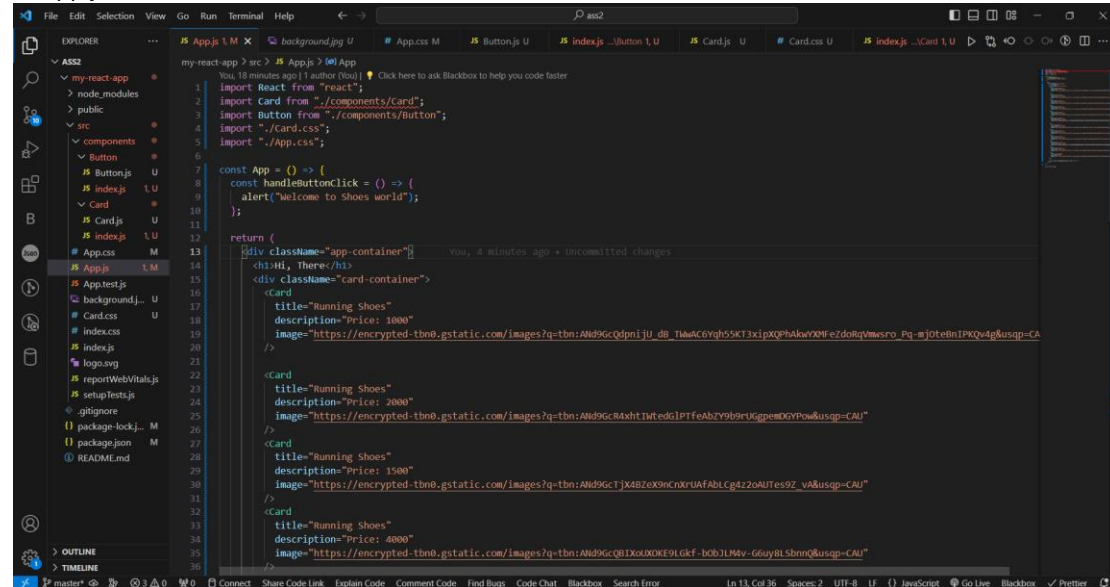
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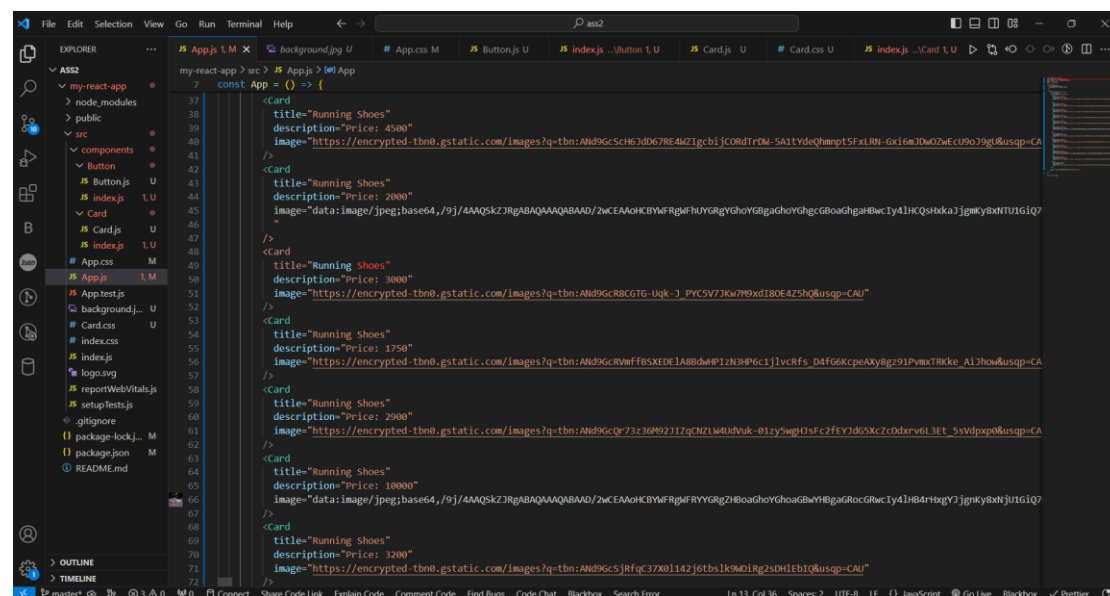
Roll Number: 20NN1A0566

College: Vignan's Nirula Institute Of Technology And Science For Women

1. App.js



```
1 import React from "react";
2 import Card from "../components/Card";
3 import Button from "../components/Button";
4 import "../card.css";
5 import "../App.css";
6
7 const App = () => {
8   const handleClick = () => {
9     alert("Welcome to Shoes world");
10   };
11
12   return (
13     <div className="app-container">
14       <h1>Hi, There</h1>
15       <div className="card-container">
16         <Card
17           title="Running Shoes"
18           description="Price: 2000"
19           image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQdpmiJU_d8_TbWdC6YqS5KT3xpQPhakwX0WefdoRqVmusro_Pq-wj0tebn1PKQv4g&usqp=CAU"
20         />
21         <Card
22           title="Running Shoes"
23           description="Price: 2000"
24           image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcR4xhtTdtedG1PTfeAbZY9b9rUGgpeuDOYpouWusqp=CAU"
25         />
26         <Card
27           title="Running Shoes"
28           description="Price: 1500"
29           image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTjX4B2oX9McXRUAFABLCg422oAUtes9Z_VA&usqp=CAU"
30         />
31         <Card
32           title="Running Shoes"
33           description="Price: 4000"
34           image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQ01XoX0KE91Gkf-b0bJLMv-G6uy8LSbnnQ&usqp=CAU"
35         />
36       </div>
37     </div>
38   );
39 }
```



```
37 <Card
38   title="Running Shoes"
39   description="Price: 4500"
40   image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSCH6JdD67RE4WZTgcbiJC0JTDf0M-SALT5YdeQhmpt5FxtRN-Gx16mJdW02WECU9o79gU&usqp=CAU"
41 />
42 <Card
43   title="Running Shoes"
44   description="Price: 2000"
45   image="data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAQ/2wCAAohKBYMFQgFHYGRgYGBGahovghGcGBoaGhaBwciY4IHcQshkaJjgmKy8xNTU1G1Q7
46 />
47 <Card
48   title="Running Shoes"
49   description="Price: 3000"
50   image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcR8CGTG-Uqk-J_PVCSV7Jkx7M9xdI80E4Z5hQ&usqp=CAU"
51 />
52 <Card
53   title="Running Shoes"
54   description="Price: 1750"
55   image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRvMff8SXEDE1A8Bdw@P12N3HP6C1jlvcrfs_D4f66KcpeXy8gz91PvmXTRKke_A1thow&usqp=CAU"
56 />
57 <Card
58   title="Running Shoes"
59   description="Price: 2900"
60   image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQe73z36M92J1ZqCNZLW4Uvuk-01zySwgH13fczFY3dG5Kc2Cddxv6L3Et_5svdpdp0&usqp=CAU"
61 />
62 <Card
63   title="Running Shoes"
64   description="Price: 10000"
65   image="data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAQABAAQ/2wCAAohKBYMFQgFHYGRgYGBGahovghGcGBoaGhaBwciY4IHcQshkaJjgmKy8xNTU1G1Q7
66 />
67 <Card
68   title="Running Shoes"
69   description="Price: 1200"
70   image="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSJ8fQc37X01142j6tbsIK9M0IRg2SDH1EbIQ&usqp=CAU"
71 />
72
```

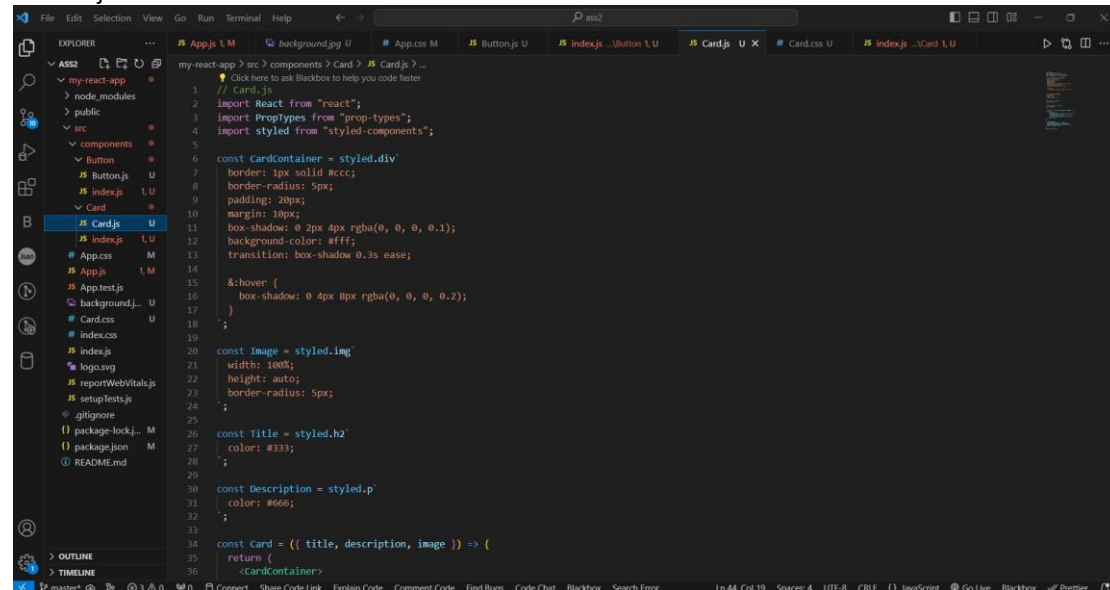
```
JS App.js 1, M X background.jpg U # App.css M JS Button.js U JS index.js ...Button 1, U JS Card.js U # Card.css U JS index.js ...Card 1, U
my-react-app > src > JS App.js > App
7 const App = () => {
12
73   <Card
74     title="Running Shoes"
75     description="5500"
76     image="https://encrypted-tbn0.gstatic.com/images?q=tbn:AND9GcRvTIABYZA7YABr9un0dxRTcDT1FyMJacNI0A&usqp=CAU"
77   />
78 </div>
79
80   <Button onClick={handleButtonClick} text="Click me" />
81 </div>
82 };
83 };
84
85 export default App;
86
```

2. App.css

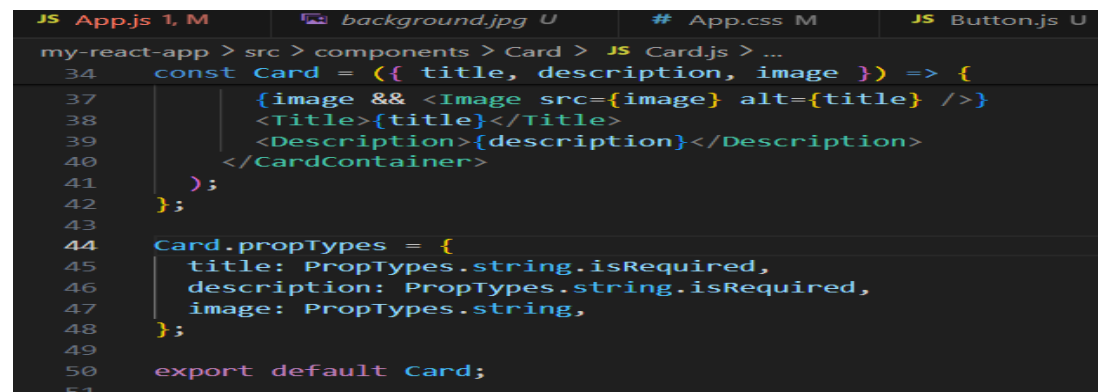
```
File Edit Selection View Go Run Terminal Help
my-react-app > src > App.css > app-container
You, 33 minutes ago | 1 author (You) | Click here to ask Blackbox to help you code faster
1 .App {
2   text-align: center;
3   color: white;
4 }
5
6 .App-logo {
7   height: 40vmin;
8   pointer-events: none;
9 }
10
11 @media (prefers-reduced-motion: no-preference) {
12   .App-logo {
13     animation: App-logo-spin infinite 20s linear;
14   }
15 }
16
17 .App-header {
18   background-color: #282c34;
19   min-height: 100vh;
20   display: flex;
21   flex-direction: column;
22   align-items: center;
23   justify-content: center;
24   font-size: calc(10px + 2vmin);
25   color: white;
26 }
27
28 .App-link {
29   color: #61dafb;
30 }
31
32 @keyframes App-logo-spin {
33   from {
34     transform: rotate(0deg);
35   }
36   to {
37     transform: rotate(360deg);
38   }
39 }
40
41 .app-container {
42   background-image: url('./background.jpg');
43   background-size: cover;
44   background-position: center;
45   min-height: 100vh;
46   display: flex;
47   flex-direction: column;
48   align-items: center;
49   justify-content: center;
50   color: #fff;
51 }
```

```
App.js 1, M X background.jpg U # App.css M X
my-react-app > src > # App.css > .app-container
32 @keyframes App-logo-spin {
37   transform: rotate(360deg);
38 }
39 }
40
41 .app-container {
42   background-image: url('./background.jpg');
43   background-size: cover;
44   background-position: center;
45   min-height: 100vh;
46   display: flex;
47   flex-direction: column;
48   align-items: center;
49   justify-content: center;
50   color: #fff;
51 }
```

3. Card.js

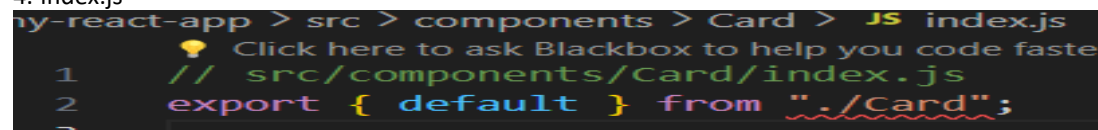


```
1 // Click here to ask Blackbox to help you code faster
2 // Card.js
3 import React from "react";
4 import PropTypes from "prop-types";
5 import styled from "styled-components";
6
7 const CardContainer = styled.div`
8   border: 1px solid #ccc;
9   border-radius: 5px;
10  padding: 20px;
11  margin: 10px;
12  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
13  background-color: #fff;
14  transition: box-shadow 0.3s ease;
15
16  &:hover {
17    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
18  }
19 `;
20
21 const Image = styled.img`
22   width: 100%;
23   height: auto;
24   border-radius: 5px;
25 `;
26
27 const Title = styled.h2`
28   color: #333;
29 `;
30
31 const Description = styled.p`
32   color: #666;
33 `;
34
35 const Card = ({ title, description, image }) => {
36   return (
37     <CardContainer>
38       <Image src={image} alt={title} />
39       <Title>{title}</Title>
40       <Description>{description}</Description>
41     </CardContainer>
42   );
43 };
44
45 Card.propTypes = {
46   title: PropTypes.string.isRequired,
47   description: PropTypes.string.isRequired,
48   image: PropTypes.string,
49 };
50
51 export default Card;
```



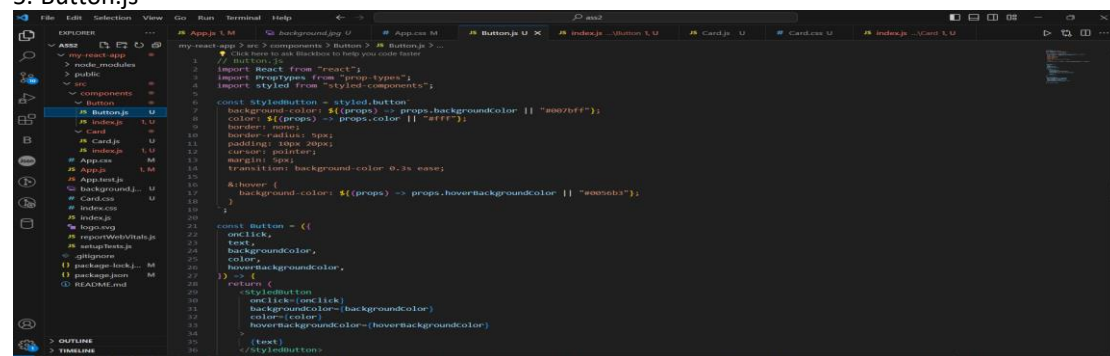
```
34 const Card = ({ title, description, image }) => {
35   <Image src={image} alt={title} />
36   <Title>{title}</Title>
37   <Description>{description}</Description>
38 </CardContainer>
39 };
40
41 Card.propTypes = {
42   title: PropTypes.string.isRequired,
43   description: PropTypes.string.isRequired,
44   image: PropTypes.string,
45 };
46
47 export default Card;
```

4. index.js

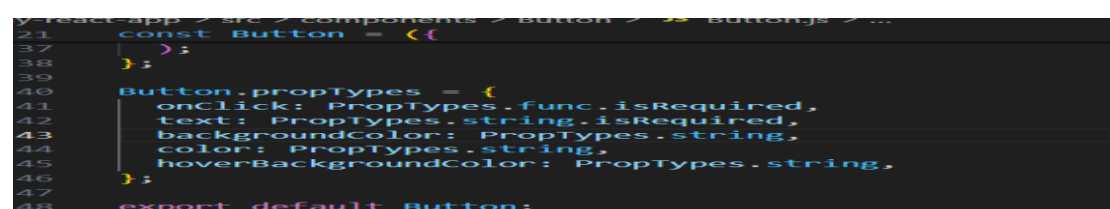


```
1 // src/components/Card/index.js
2 export { default } from "../Card";
```

5. Button.js



```
1 // Click here to ask Blackbox to help you code faster
2 // Button.js
3 import React from "react";
4 import PropTypes from "prop-types";
5 import styled from "styled-components";
6
7 const StyledButton = styled.button`
8   background-color: ${(props) => props.backgroundColor || "#007bff"};
9   color: ${(props) => props.color || "#fff"};
10  border: none;
11  padding: 10px 20px;
12  margin: 5px;
13  cursor: pointer;
14  transition: background-color 0.3s ease;
15
16  &:hover {
17    background-color: ${(props) => props.hoverBackgroundColor || "#0056b3"};
18  }
19 `;
20
21 const Button = ({
22   onClick,
23   text,
24   backgroundColor,
25   color,
26   hoverBackgroundColor,
27 }) => {
28   return (
29     <StyledButton
30       onClick={onClick}
31       backgroundColor={backgroundColor}
32       color={color}
33       hoverBackgroundColor={hoverBackgroundColor}
34     >
35       {text}
36     </StyledButton>
37   );
38 };
39
40 Button.propTypes = {
41   onClick: PropTypes.func.isRequired,
42   text: PropTypes.string.isRequired,
43   backgroundColor: PropTypes.string,
44   color: PropTypes.string,
45   hoverBackgroundColor: PropTypes.string,
46 };
47
48 export default Button;
```



```
21 const Button = ({
22   onClick,
23   text,
24   backgroundColor,
25   color,
26   hoverBackgroundColor,
27 }) => {
28   return (
29     <StyledButton
30       onClick={onClick}
31       backgroundColor={backgroundColor}
32       color={color}
33       hoverBackgroundColor={hoverBackgroundColor}
34     >
35       {text}
36     </StyledButton>
37   );
38 };
39
40 Button.propTypes = {
41   onClick: PropTypes.func.isRequired,
42   text: PropTypes.string.isRequired,
43   backgroundColor: PropTypes.string,
44   color: PropTypes.string,
45   hoverBackgroundColor: PropTypes.string,
46 };
47
48 export default Button;
```

6. index.js

```
my-react-app > src > components > Button > JS index.js
  Click here to ask Blackbox to help you code faster
1  // src/components/Button/index.js
2  export { default } from "./Button";
```

7. Card.css

```
  Click here to ask Blackbox to help you code faster
.card-container {
  display: flex;
  flex-wrap: wrap;
  justify-content: space-between;
}
```

8. Output

