ASSIGNMENT-2

NAME: Bollepalli. Venkata Mounika
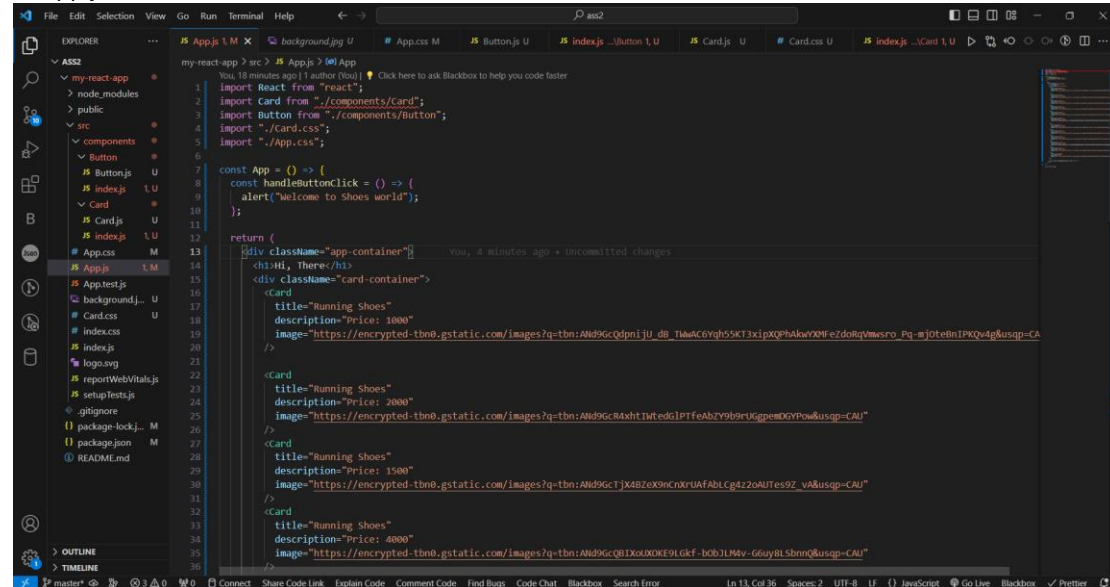EMAIL: bollepallimounika14@gmail.com
Phone number: 6302197159
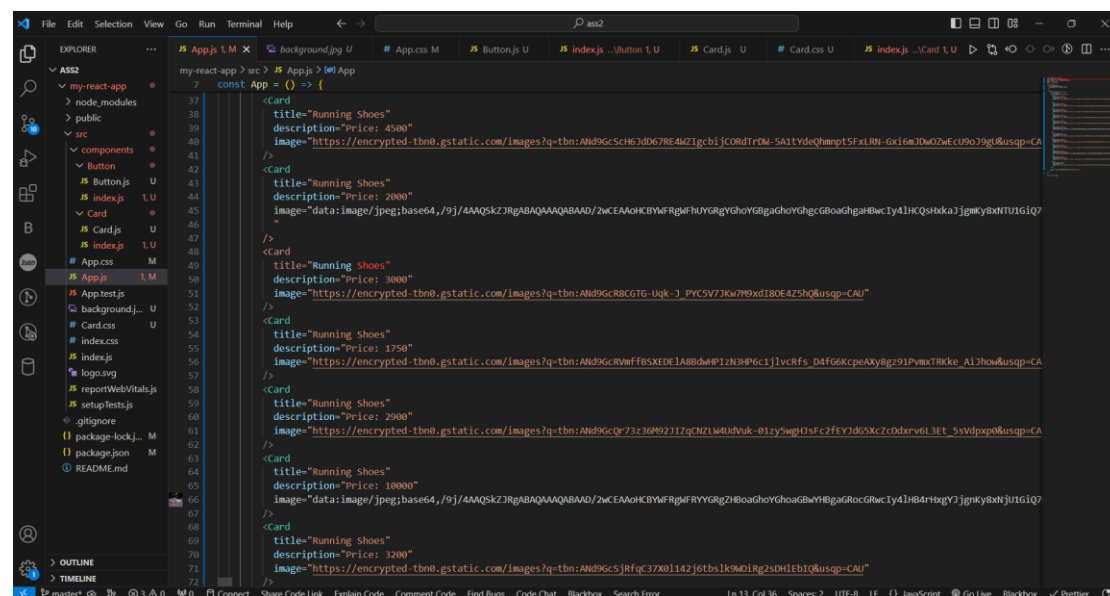Roll Number: 20NN1A0566
College: Vignan's Nirula Institute Of Technology And Science For Women

1. App.js

```jsx
my-react-app > src > JS App.js > [@] App
   7    const App = () => {

  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
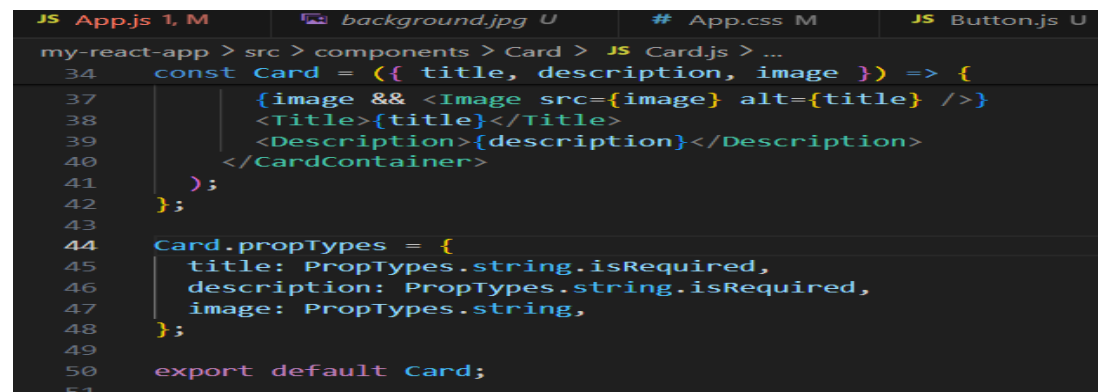

```css
32   @keyframes App-logo-spin {
37       transform: rotate(360deg);
38     }
39   }
40   .app-container {
41     background-image: url('./background.jpg');
42     background-size: cover;
43     background-position: center;
44     min-height: 100vh;
45     display: flex;
46     flex-direction: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

3. Card.js

```js
// Card.js
import React from "react";
import PropTypes from "prop-types";
import styled from "styled-components";

const CardContainer = styled.div`
  border: 1px solid #ccc;
  border-radius: 5px;
  padding: 20px;
  margin: 10px;
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
  background-color: #fff;
  transition: box-shadow 0.3s ease;

  &:hover {
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
  }
`;

const Image = styled.img`
  width: 100%;
  height: auto;
  border-radius: 5px;
`;

const Title = styled.h2`
  color: #333;
`;

const Description = styled.p`
  color: #666;
`;

const Card = ({ title, description, image }) => {
  return (
    <CardContainer>
```
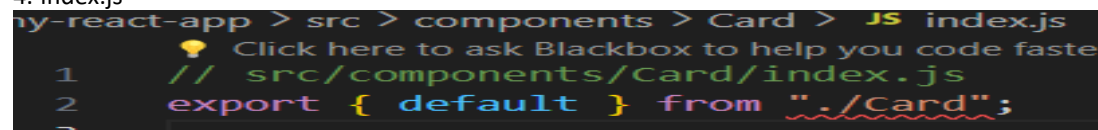
```js
const Card = ({ title, description, image }) => {
      {image && <Image src={image} alt={title} />}
      <Title>{title}</Title>
      <Description>{description}</Description>
    </CardContainer>
  );
};

Card.propTypes = {
  title: PropTypes.string.isRequired,
  description: PropTypes.string.isRequired,
  image: PropTypes.string,
};

export default Card;
```

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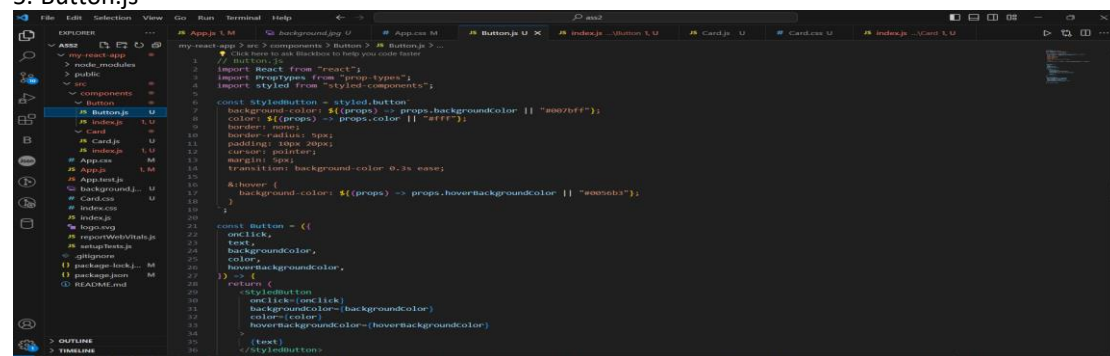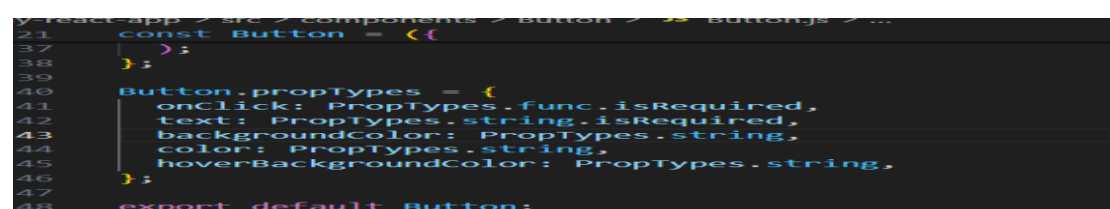
```js
// src/components/Card/index.js
export { default } from "./Card";
```

5. Button.js

```js
// Button.js
import React from "react";
import PropTypes from "prop-types";
import styled from "styled-components";

const StyledButton = styled.button`
  background-color: ${(props) => props.backgroundColor || "#007bff"};
  color: ${(props) => props.color || "#fff"};
  border: none;
  border-radius: 5px;
  padding: 10px 20px;
  cursor: pointer;
  margin: 5px;
  transition: background-color 0.3s ease;

  &:hover {
    background-color: ${(props) => props.hoverBackgroundColor || "#0056b3"};
  }
`;

const Button = ({
  onClick,
  text,
  backgroundColor,
  color,
  hoverBackgroundColor,
}) => {
  return (
    <StyledButton
      onClick={onClick}
      backgroundColor={backgroundColor}
      color={color}
      hoverBackgroundColor={hoverBackgroundColor}
    >
      {text}
    </StyledButton>
```

```js
const Button = ({
    );
};

Button.propTypes = {
  onClick: PropTypes.func.isRequired,
  text: PropTypes.string.isRequired,
  backgroundColor: PropTypes.string,
  color: PropTypes.string,
  hoverBackgroundColor: PropTypes.string,
};

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

Running Shoes

Price: 4500

Running Shoes

Price: 2000

Running Shoes

Price: 3000

Running Shoes

Price: 1750

Running Shoes

Price: 2900

Running Shoes

Price: 10000

Running Shoes

Price: 3200

Running Shoes

5500

add to Cart