Component Creation using React JS

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index.html:

```html
<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <link rel="icon" type="image/svg+xml"
href="https://i.pinimg.com/474x/f2/ef/6b/f2ef6b1ac2ef1c60db2d72608a0709c2.jpg" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Card Component</title>
  </head>
  <body>
    <div id="root"></div>
    <script type="module" src="/src/main.jsx"></script>
  </body>
</html>
```

App.css:

```css
* {
margin: 0;
padding: 0;
box-sizing: border-box;
background: #fff;
margin-bottom: 10px;
}
 .card {
padding: 16px;
margin-bottom: 16px;
}
```

```css
 img {
max-width: 100%;
height: auto;
}

.button {
background-color: rgb(1, 112, 112);
color: #fff;
border: none;
padding: 8px 16px;
border-radius: 4px;
cursor: pointer;
}

.button:hover {
background-color: rgb(103, 128, 128);
box-shadow: 0px 0px 2px 2px gray;
}
 .App {
text-align: center;
border: 1px solid #ddd;
border-radius: 4px;
width: 25%;
margin: 50px auto;
background: #b1acac;
color: rgb(35, 33, 33);
padding: 1rem;
}

.img-fluid {
height: 20rem;
width: 20rem;
}

.d-flex{
display: flex;
flex-direction: row;
}

@media screen and (max-width: 480px) {
  .d-flex {
    flex-direction: column;
  }
.App{
    width: 75%;
  }
}
```

```css
@media screen and (max-width: 720px) {
  .d-flex {
    flex-direction: column;
  }
.App{
    width: 50%;
  }
}
```

App.jsx:

```jsx
import './App.css';

// Card component const Card = ({ title,
description, image }) => {    return (
    <div className="card">
      {image && <img src={image} alt="Card" className='img-fluid'/>}
      <h2>{title}</h2>
      <p>{description}</p>
    </div>
  );
};

// Button component const Button = ({
text, onClick }) => {    return (
    <button className="button" onClick={onClick}>
      {text}
    </button>
  );
};
const App = () => { const
handleButtonClick = () => {
console.log('Button clicked!');
  };
  return (
    <div className='d-flex'>
    <div className="App">
      <Card
        title="Card Title"
        description="This is a card component"
image="https://images.pexels.com/photos/3214991/pexels-photo
3214991.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1"
/>
```

```
      <Button text="Click me" onClick={handleButtonClick} />
    </div>
    <div className="App">
      <Card title="Card Title" description="This is a card component"
image="https://i.pinimg.com/564x/ee/59/78/ee597862709e051275eb3e51b6acd079.jpg"
/>
      <Button text="Click me" onClick={handleButtonClick} />
    </div>
    <div className="App">
      <Card title="Card Title" description="This is a card component"
image="https://images.pexels.com/photos/210012/pexels-photo-
210012.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2"
      />
      <Button text="Click me" onClick={handleButtonClick} />
    </div>
    </div>
  );
};
export default App;
```
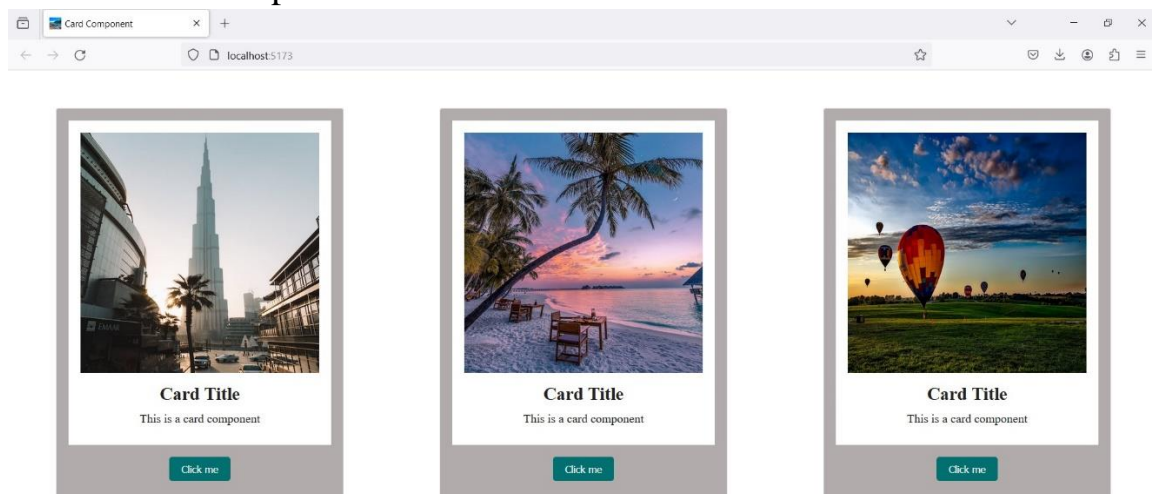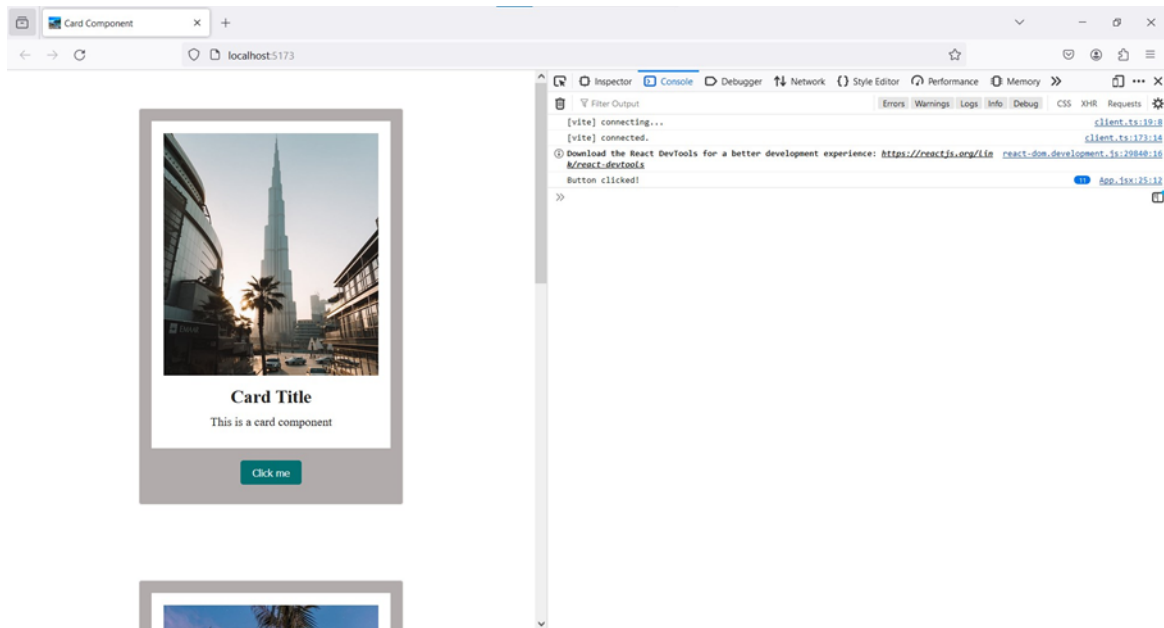
OUTPUT:

The cards are responsive and has a hover effect on buttons as well.

Responsiveness:

Functionality:

The cards perform functionality, when we click the button then the count will be increased in console as shown below: