React.js Component Creation

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SOURCE CODE:

CARD COMPONENT:

CARD.JSX

```jsx
import React from "react";

import "./Card.css";

export const Card = ({
  imgSrc,
  imgAlt,
  title,
  description,
  buttonText,
  link,
}) => {
  return (
    <div className="card-container">
      {imgSrc && imgAlt && (
        <img src={imgSrc} alt={imgAlt} className="card-img" />
      )}
      {title && <h1 className="card-title">{title}</h1>}
      {description && <p className="card-description">{description}</p>}
      {buttonText && link && (
        <a href={link} className="card-btn">
          {buttonText}
        </a>
      )}
    </div>
  );
};
```

CARD.CSS

```css
.card-container {
  width: 15rem;
```

```css
  border-radius: 1rem;
  box-shadow: 0px 10px 8px #999;
  display: flex;
  flex-direction: column;
  margin: 0.5rem;
  background-color: white;
  height: fit-content;
}

.card-img {
  width: 100%;
  border-radius: 1rem 1rem 0 0;
}

.card-title {
  margin: 0.5rem 5%;
}

.card-description {
  margin: 0.5rem 5%;
}

.card-btn {
  text-align: center;
  width: 90%;
  border-radius: 5px;
  padding: 0.5rem 1rem;
  background-color: #2563eb;
  color: white;
  text-decoration: none;
  margin: 0.5rem 0.5rem;
}
```

APP COMPONENT :

APP.JSX:

```jsx
import "./App.css";
import { Card } from "./components/Card";

function App() {
  return (
    <div className="App">
      <div className="col">
        <Card
          imgSrc="https://fastly.picsum.photos/id/870/536/354.jpg?blur=2&graysc
ale&hmac=A5T7lnprlMMlQ18KQcVMi3b7Bwa1Qq5YJFp8LSudZ84"
          imgAlt="Card Image 1"
          title="Light House"
          description="A lighthouse is a tower topped with a very bright light
called a beacon. The beacon is used by sailors to help guide their ship at
night."
          buttonText="Click for More"
          link="card1"
```

```jsx
        />

        <Card
          imgSrc="https://picsum.photos/seed/picsum/300/250"
          imgAlt="Card Image 3"
          description="This is a mountain card which is so cool and its frozen
and beautiful"
          buttonText="Click for More"
          link="card1"

        />
      </div>
      <div className="col">
        <Card
          imgSrc="https://fastly.picsum.photos/id/970/536/354.jpg?hmac=-
I_kAQ2oSC5ehwhlMHJi7XzxtvIUaLVK_-LHgu_4FHc"
          imgAlt="Card Image 1"
          title="BEACH"
          description="We can enjoy the peace by seeing the sunrise."
          buttonText="Click for More"
          link="card1"
        />
        <Card
          imgSrc="https://fastly.picsum.photos/id/24/4855/1803.jpg?hmac=ICVhP1p
UXDLXaTkgwDJinSUS59UWalMxf4SOIWb9Ui4"
          imgAlt="Card Image 3"
          title="BOOK"
          description="This is the card description section. And it is a book
of best examples of formulae"
          buttonText="Click for More"
          link="card2"
        />

      </div>
      <div className="col">
        <Card
          imgSrc="https://picsum.photos/id/60/1920/1200"
          imgAlt="Card Image 1"
          description="This is a computer and its accessories."
          buttonText="Click for More"
          link="card1"
        />

        <Card
          imgSrc="https://picsum.photos/id/184/367/267"
          imgAlt="Card Image 3"
          description="This is a desert card. You can know more details about
desert by clicking below button"
          buttonText="Click for More"
          link="card2"
        />
```

```
      </div>
    </div>
  );
}


export default App;
```

APP.CSS:

```css
.App {
  height: 100vh;
  display: flex;
  align-items: center;
  justify-content: center;
  background-color: #faf9f6;
}

.col {
  height: 100%;
  display: flex;
  flex-direction: column;
  align-items: flex-start;
}
```

INDEX.CSS:

```css
* {
  box-sizing: border-box;
  margin: 0;
  padding: 0;
  font-family: Arial, Helvetica, sans-serif;
}
```
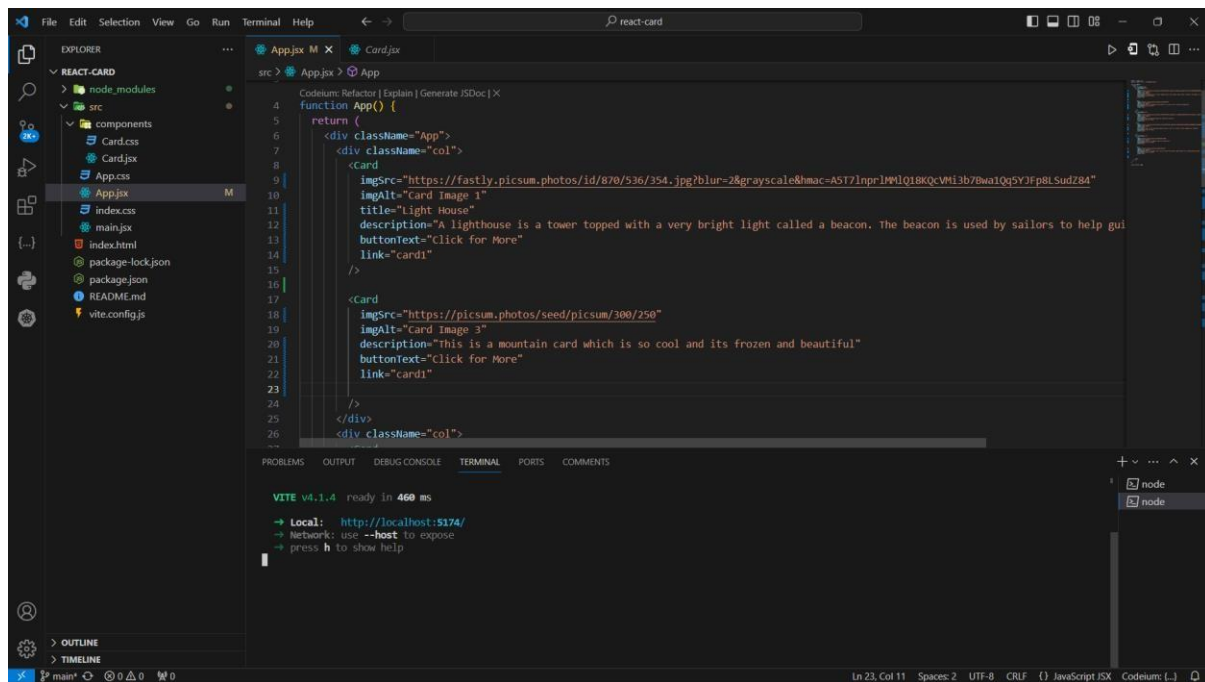
MAIN.JSX:

```jsx
import React from 'react'
import ReactDOM from 'react-dom/client'
import App from './App'
import './index.css'

ReactDOM.createRoot(document.getElementById('root')).render(
  <React.StrictMode>
    <App />
  </React.StrictMode>,
)
```
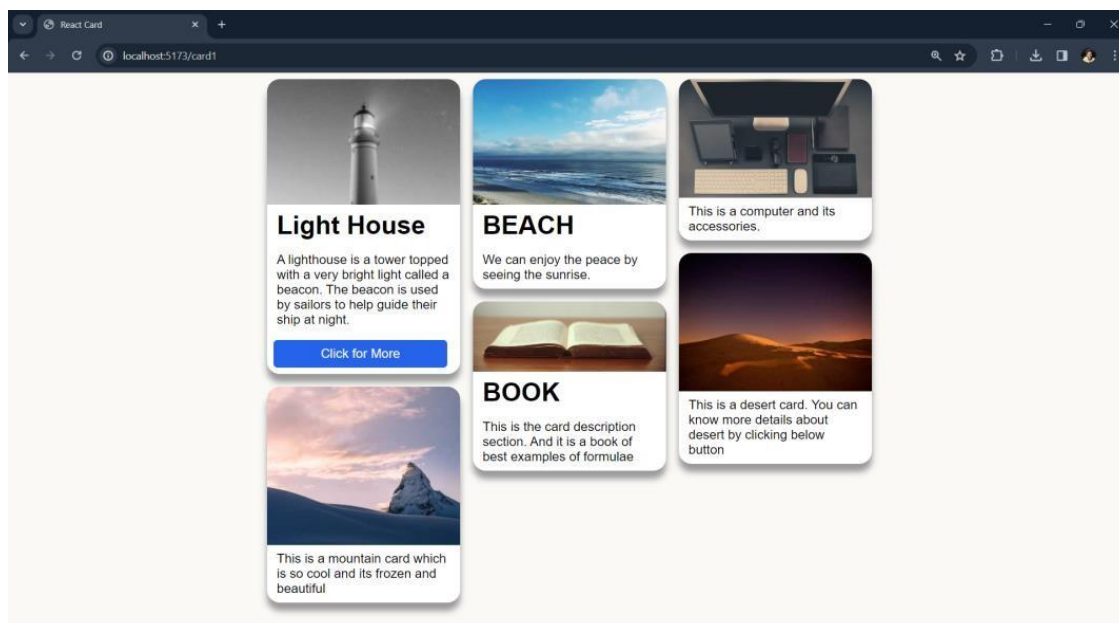
LOCAL HOST SUCCESSFULL :

OUTPUT BEFORE CLICK:

OUTPUT AFTER CLICK: