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Code:

Card.js

import React from 'react';

import './Card.css'; // Import CSS file for styling

const Card = ({ title, description, imageUrl }) => {

return (

<div className="card">

{imageUrl && <img src={imageUrl} alt="Card" />}

<div className="card-content">

<h2>{title}</h2>

<p>{description}</p>

</div>

</div>

);

};

export default Card;

Card.css

.card {

    border: 1px solid #ddd;

    border-radius: 5px;

    overflow: hidden;

    margin: 10px;

    box-shadow: 0 0 5px rgba(0, 0, 0, 0.1);

    }

.card img {

    width: 100%;

    height: auto;

    }

.card-content {

    padding: 15px;

    }

Button.js:

import React from 'react';

import './Button.css'; // Import CSS file for styling

const Button = ({ text, onClick }) => {

return (

<button className="button" onClick={onClick}>

{text}

</button>

);

};

export default Button;

Button.css:

.button {

    background-color: #007bff;

    color: #fff;

    border: none;

    border-radius: 5px;

    padding: 10px 20px;

    cursor: pointer;

    transition: background-color 0.3s ease;

    }

.button:hover {

        background-color: #0056b3;

        }

App.js:

import React from 'react';

import Card from './Card';

import Button from './Button';

import './App.css'; // Import CSS file for styling

const App = () => {

const cardsData = [

{

title: 'Card 1',

description: 'Description for Card 1',

imageUrl: 'image1.jpg',

},

{

title: 'Card 2',

description: 'Description for Card 2',

imageUrl: 'image2.jpg',

},

];

const handleClick = () => {

alert('Button clicked!');

};

return (

<div className="app">

<h1>Sample React App with Card and Button Components</h1>

<div className="card-container">

{cardsData.map((card, index) => (

<Card key={index} {...card} />

))}

</div>

<Button text="Click Me" onClick={handleClick} />

</div>

);

};

export default App;

App.css:

.app {

    text-align: center;

    margin-top: 50px;

}

.card-container {

    display: flex;

    flex-wrap: wrap;

    justify-content: center;

}

Output:

