

React.js Component Creation

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Index.css:

```
:root {
  font-family: Inter, system-ui, Avenir, Helvetica, Arial, sans-serif;
  line-height: 1.5;
  font-weight: 400;

  color-scheme: light dark;
  color: rgba(255, 255, 255, 0.87);
  background-color: #242424;

  font-synthesis: none;
  text-rendering: optimizeLegibility;
  -webkit-font-smoothing: antialiased;
  -moz-osx-font-smoothing: grayscale;
}

a {
  font-weight: 500;
  color: #646cff;
  text-decoration: inherit;
}
a:hover {
  color: #535bf2;
}

body {
```

```
margin: 0;
display: flex;
place-items: center;
min-width: 320px;
min-height: 100vh;
}

h1 {
  font-size: 3.2em;
  line-height: 1.1;
}

button {
  border-radius: 8px;
  border: 1px solid transparent;
  padding: 0.6em 1.2em;
  font-size: 1em;
  font-weight: 500;
  font-family: inherit;
  background-color: #1a1a1a;
  cursor: pointer;
  transition: border-color 0.25s;
}

button:hover {
  border-color: #646cff;
}

button:focus,
button:focus-visible {
  outline: 4px auto -webkit-focus-ring-color;
}

@media (prefers-color-scheme: light) {
  :root {
    color: #213547;
    background-color: #ffffff;
  }
  a:hover {
    color: #747bff;
  }
  button {
    background-color: #f9f9f9;
  }
}
```

App Components:

App.jsx :

```
import './App.css'

import { Card } from './components/Card';

function App() {
  return ( <div className="d-card">
    <div className="App">
      <Card
        imgSrc="https://picsum.photos/200/300.webp"
        imgAlt="card-img"
        title="Card title"
        description="This is the Card description. You can add more details about the
card here."
        buttonText="learn more"
        link="cardPage"/>
    </div><div className="App">

      <Card
        imgSrc="https://picsum.photos/200/300/?blur=2"
        imgAlt="card-img"
        title="Card title"
        description="This is the Card description. You can add more details about the
card here."
        buttonText="Click me"
        link="cardPage"/>
    </div><div className="App">

      <Card
        imgSrc="https://picsum.photos/200"
        imgAlt="card-img"
        title="Card title"
        description="This is the Card description. You can add more details about the
card here."
        buttonText="Click me"
        link="cardPage"/>
    </div><div className="App">

      <Card
        imgSrc="https://picsum.photos/seed/picsum/200/300"
        imgAlt="card-img"
```

```

        title="Card title"
        description="This is the Card description. You can add more details about the
card here."
        buttonText="Click me"
        link="cardPage"/>
    </div><div className="App">

        <Card
            imgSrc="https://picsum.photos/id/1/200/300"
            imgAlt="card-img"
            title="Card title"
            description="This is the Card description. You can add more details about the
card here."
            buttonText="Click me"
            link="cardPage"/>
        </div><div className="App">

            <Card
                imgSrc="https://picsum.photos/200/300/?blur"
                imgAlt="card-img"
                title="Card title"
                description="This is the card description. You can add more details about the
card here."
                buttonText="Click me"
                link="cardPage"/>
            </div>

            <Card
                imgSrc="https://picsum.photos/200/300?grayscale"
                imgAlt="card-img"
                title="Card title"
                description="This is the Card description. You can add more details about the
card here."
                buttonText="Click me"
                link="cardPage"/>
            </div>);
    }

export default App;

```

App.css:

```

.App {
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
  height: 100vh;

  margin: 20px;
}
.d-card {
  display: flex;
  flex-direction: row;
  align-items: center;
  justify-content: center;
}
.c-card {
  display: flex;
  flex-direction: row;
  align-items: center;
  justify-content: center;
  margin: 20px;
  height: 100vh;
}

```

Card Components:

Card.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='Card Image' className={imgAlt}
/>}
        {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:

```

.card-container {
    width: 15rem;
    border-radius: 1rem;
    box-shadow: 0px 10px 8px #999;
    display: flex;
    flex-direction: column;
    margin: 0.3 rem;
    background-color: white;
    height: fit-content;
}

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

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

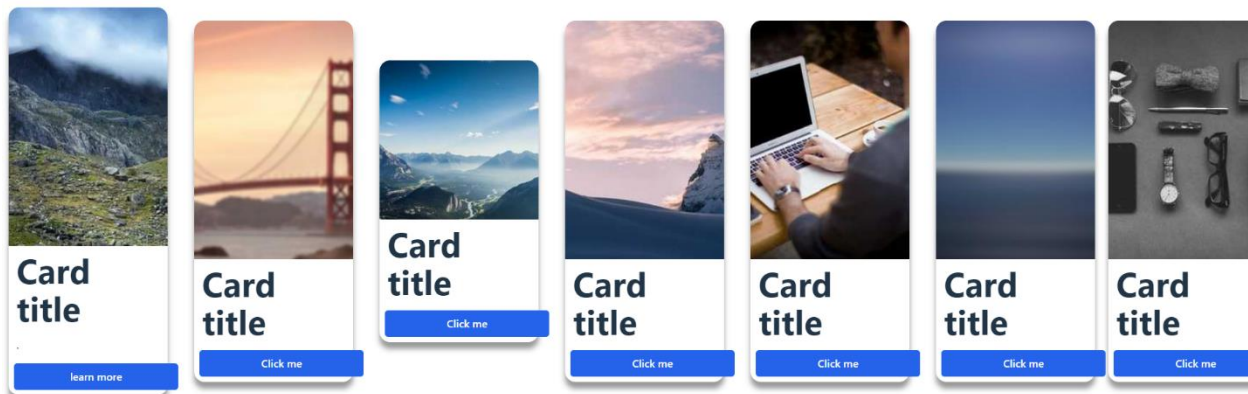
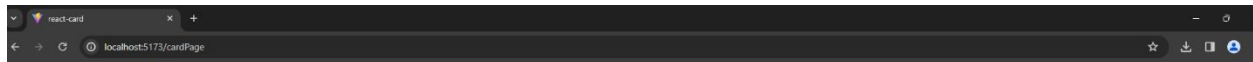
.card-btn {
    text-align: center;
    width: 90%;
    border-radius: 5px;
    padding: 0.5rem 1rem;
    background-color: #2563eb;
    color: white;
    text-decoration: none;
    margin: 0.5rem;
}

```

```
}
```

Output:

Before Click :



After Click:

