# React.js Component Creation

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**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://fastly.picsum.photos/id/27/3264/1836.jpg?hmac=p3BVIgKKQpHhfGR
RCbsi2MCAzw8mWBCayBsKxxtWO8g"
    imgAlt="card-img"
    title="An old man"
    description="An old man is driven to a Mediterranean casino by a
chauffeur  in a Rolls-Royce."
    buttonText="View More"
    link="cardPage"/>
  </div><div className="App">

    <Card
    imgSrc="https://fastly.picsum.photos/id/28/4928/3264.jpg?hmac=GnYF-
RnBUg44PFfU5pcw_Qs0ReOyStdnZ8MtQWJqTfA"
    imgAlt="card-img"
    title="Nature"
    description="Nature is an inherent character or constitution,[1] particularly
of the ecosphere or the universe"
```

```
    buttonText="View More"
    link="cardPage"/>
    </div><div className="App">

    <Card
    imgSrc="https://fastly.picsum.photos/id/12/2500/1667.jpg?hmac=Pe3284luVre9ZqN
zv1jMFpLihFI6lwq7TPgMSsNXw2w"
    imgAlt="card-img"
    title="Beach"
    description="A beach is a landform alongside a body of water which consists
of loose particles"
    buttonText="View More"
    link="cardPage"/>
    </div><div className="App">

    <Card
    imgSrc="https://fastly.picsum.photos/id/29/4000/2670.jpg?hmac=rCbRAl24FzrSzwl
R5tL-Aqzyu5tX_PA95VJtnUXegGU"
    imgAlt="card-img"
    title="Snow"
    description="Snow comprises individual ice crystals that grow while suspended
in the atmosphere"
    buttonText="View More"
    link="cardPage"/>
    </div><div className="App">

    <Card
    imgSrc="https://fastly.picsum.photos/id/24/4855/1803.jpg?hmac=ICVhP1pUXDLXaTk
gwDJinSUS59UWalMxf4SOIWb9Ui4"
    imgAlt="card-img"
    title="A book"
    description="A book is a medium for recording information in the form of
writing or images. Books are typically composed of many pages"
    buttonText="View More"
    link="cardPage"/>
    </div><div className="App">

    <Card
    imgSrc="https://fastly.picsum.photos/id/25/5000/3333.jpg?hmac=yCz9LeSs-
i72Ru0YvvpsoECnCTxZjzGde805gWrAHkM"
    imgAlt="card-img"
    title="Sunset"
    description="At sunset, there is a riot of noise as the birds fly back into
the tree to find the best branch to sleep on."
    buttonText="View More"
```

```
        link="cardPage"/>
    </div>

    <Card
      imgSrc="https://fastly.picsum.photos/id/26/4209/2769.jpg?hmac=vcInmowFvPCyKGt
V7Vfh7zWcA_Z0kStrPDW3ppP0iGI"
      imgAlt="card-img"
      title="Photography"
      description="A Photography is the art, application, and practice of creating
images by recording light, either electronically by means of an image sensor,"
      buttonText="View More"
      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.css:**

```css
.card-container {
    width: 15rem;
    border-radius: 1rem;
    box-shadow: 0px 10px 8px rgb(0, 0, 0);
    display: flex;
    flex-direction: column;
    margin: 0.5 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: 80%;
    border-radius: 5px;
    padding: 0.5rem 1rem;
    background-color:rgb(148, 207, 241);
    color: black;
    text-decoration: none;
    margin: 0.5rem;
}
```

**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='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>
  );
}
```

**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:(black, 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: black;
  text-decoration: inherit;
}
a:hover {
  color: #535bf2;
```

```css
}

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

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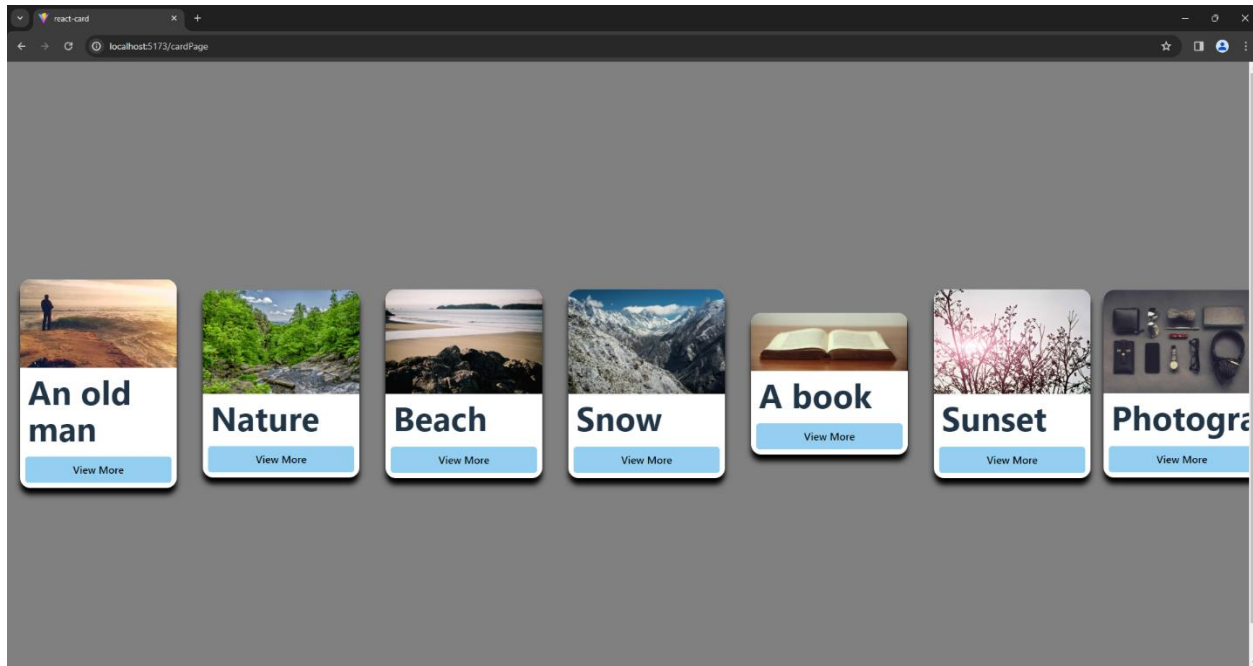
```
}
```

## Output:

## Before Click :



## After Click: