REACT.JS COMPONENT CREATION

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Source Code:

CARD COMPONENT:

BUTTON COMPONENT:

```
EXPLORER
                    ··· 🔀 Welcome
                                                                                # button.css X JS App.js
0
    R
       🖈 favicon.ico
      ★ favicon.ico

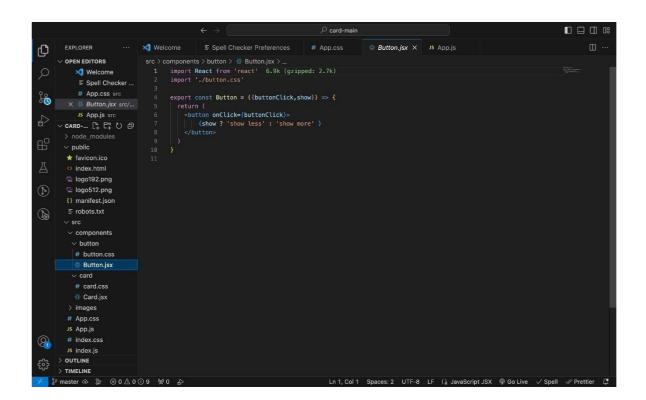
◇ index.html

□ logo192.png
□ logo512 png
                          13 button:hover{
14 | opacity:.6;
15 }
       ☑ logo512.png
       {} manifest.json

√ components

→ button

        # button.css
         Button.jsx
       > images
       # App.css
       JS App.js
     > TIMELINE
                 ⊗0∆0⊙9 ₩0
                                                                             Ln 1, Col 1 Spaces: 4 UTF-8 LF ( CSS @ Go Live V Spell
```



APP COMPONENT:

```
··· × Welcome
                                                                                                                                            # card.css
                                                                                                                                                                    JS App.js X
          EXPLORER
                                                                                                                  # App.css
0
                                             src > JS App.js > ⊕ App > [ø] cards > № title
        ∨ OPEN EDITORS
                                                    import './App.css';
import './App.css';
import { Card } from './components/card/Card';
import image1 from './images/image1.jpeg'
import image2 from './images/image3.jpeg'
import image3 from './images/image3.jpeg'
import image4 from './images/image4.jpeg'
import image5 from './images/image5.jpeg'
import image6 from './images/image6.jpeg'
              × Welcome

    Spell Checker ...

■ Spell Checker ...
                # App.css src
H
          × JS App.js src
        ∨ CARD-... [ □ □ ひ @
           {} manifest.json
                                                       function App() {
  const cards = [

√ components

                                                               url:image1,
title:" KAWASAKI NINJA H2",
description:"The definition of a superbike describes an expensive bike that's flashy,"
               Button.jsx
                                                               url:image2,
title:"BUCATI",
description:"The definition of a superbike describes an expensive bike that's flashy"
            > images
          JS App.js
                                                               url:image3,
title:"BMW 1000rr",
description:"The definition of a superbike describes an expensive bike that's flashy"
           # index.css
           Js index.js
          .gitignore
          {} package-lock.json
                                                                url:image4,
title:"SUZUKHI GSX",
description:"The definition of a superbike describes an expensive bike that's flashy"
          {} package.json
         ③ README.md
        > OUTLINE
> TIMELINE
                                                                url:image5,
                                                                                                                          Ln 41, Col 21 Spaces: 2 UTF-8 LF {} JavaScript P Go Live A 9 Spell Prettier
```

```
■ □ □ 08
                                  × Welcome
凸
      ∨ OPEN EDITORS
                                                 description: "The definition of a superbike describes an expensive bike that's flashy"
            × Welcome

    Spell Checker ...

■ Spell Checker ...
H
                                                <div className="app">
                                                     cards.map((card,index)=><Card key={index} card={card}/>)
        gitignore
        {} package-lock.json
                                   PROBLEMS 9 OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
                                                                                                                                                        \searrow node + \checkmark \bigcirc \bigcirc \bigcirc \sim \times
        ① README.md
                                    You can now view card in the browser.
                                     Local: http://localhost:3000
On Your Network: http://192.168.47.49:3000
                                    Note that the development build is not optimized. To create a production build, use npm run build.
8
                                   webpack compiled successfully
SOS > OUTLINE
      > TIMELINE
Ln 55, Col 1 Spaces: 2 UTF-8 LF () JavaScript \Phi Go Live \underline{\mathbb{A}} 9 Spell \mathscr{M} Prettier
```

APPROACH:

1. initially taking an array of objects like below

```
EXPLORER
                                   ₩ Welcome
                                                         Js App.js
C
                                                                                              # App.css
         OPEN EDITORS
             ⋈ Welcome

    Spell Checker ...

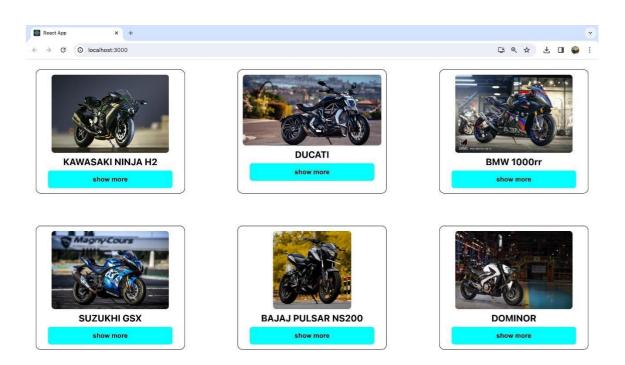
                                                    url:image1,
title:" KAWASAKI NINJA H2",
description:"The definition of a superbike describes an expensive bike that's flashy,"
R
          X JS App.js src
       ∨ CARD-... [+ E+ ひ 🗊
                                                    url:image2,
title:"DUCATI",
description:"The definition of a superbike describes an expensive bike that's flashy"
          > components
                                                     url:image3,
title:"DNW 1000rr",
description:"The definition of a superbike describes an expensive bike that's flashy"
          # App.css
          JS App.js
          # index.css
                                                    url:image4,
title:"SUZUKHI GSX",
description:"The definition of a superbike describes an expensive bike that's flashy"
        {} package-lock.json
        {} package.json

    README.md

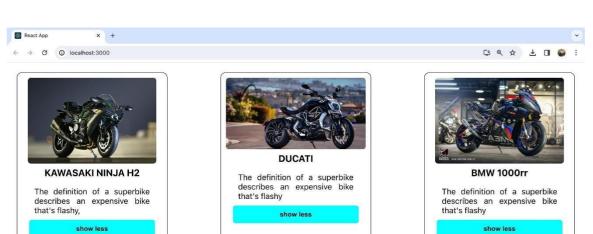
                                                     urlimage5, title:"B<u>0101</u> PULSAR NS200",
<u>description:"The definition of a <u>superbike</u> describes an expensive bike that's flashy"</u>
                                                     url:image6,
title:"DOMINOR",
description:"The definition of a superbike describes an expensive bike that's flashy"
@
       > OUTLINE
                                                     div className="app">
                                                                                                     Ln 41, Col 21 Spaces: 2 UTF-8 LF
```

- 2. Passing this card array to child (card component) of App component by using props;
- 3. getting data as argument like {card} in card component.
- 4. in card component i use one state [show, setShow] to get extra info as description.
- 5. When we click the button then show becomes true by assigning setShow (!show) .

OUTPUT:



AFTER BUTTON CLICKS:





SUZUKHI GSX

The definition of a superbike describes an expensive bike



BAJAJ PULSAR NS200

The definition of a superbike describes an expensive bike



DOMINOR

The definition of a superbike describes an expensive bike