



REACT PROPS

React props



Let's...

- Go to this sandbox - <https://codesandbox.io/s/students-react-props-forked-t2mqg6>
- Notice index.js is very reputative and long. So we can use components to make it uncluttered.
- Create a Card component that returns h2, img and Ps (in index.js file).
- In the render method create three cards using the Card component.

```

return (
  <div>
    <h2>Beyonce</h2>
    
    <p>+123 456 789</p>
    <p>b@beyonce.com</p>
  </div>
);
}

```

```

ReactDOM.render(
  <div>
    <h1>My Contacts</h1>
    <Cards />
    <Cards />
    <Cards />
  </div>,
  document.getElementById("root")
)

```

https://ynqdd4.csb.app

My Contacts

Beyonce



+123 456 789

b@beyonce.com

We just don't want Beyonce! We want everybody else.

- That will requires passing custom data to the cards.
- In react we use 'props' (short for properties) to pass these custom data.
- Props works like js parameter where objects-like arguments can be passed.
- Once your props are constructed, you can pass data as you do in HTML attributes/Key value pair.

```
JS index.js x
function Cards(props) {
  return (
    <div>
      <h2>{props.name}</h2>
      <img src={props.img} alt="avator_image" />
      <p>{props.tel}</p>
      <p>{props.email}</p>
    </div>
  );
}

ReactDOM.render(
  <div>
    <h1>My Contacts</h1>
    <Cards />
    <Cards />
    <Cards />
  </div>,
  document.getElementById("root")
);
```

Browser Tests Ter

https://yhqdd4.c

My Contacts

avator_image

avator_image

avator_image

Pass the values like you do in HTML attributes!


```
JS index.js x
13 }
14
15 ReactDOM.render(
16   <div>
17     <h1>My Contacts</h1>
18     <Cards
19       name="Beyonce"
20       img="https://blackhistorywall.files.wordpress.com"
21       tel="999-999-999"
22       email="beyonce@gmail.com"
23     />
24   <Cards />
25 </div>,
26   document.getElementById("root")
27 );
28
29
```

Browser Tests Terminal

https://yhqdd4.csb.app/

My Contacts

Beyonce



999-999-999

beyonce@gmail.com

over image

Challenge : Two more cards with demo contents (or real!)

```

4 function Cards(props) {
5   return (
6     <div className="my-style">
7       <h2>{props.name}</h2>
8       <img src={props.img} alt="avator_image" />
9       <p>{props.tel}</p>
10      <p>{props.email}</p>
11    </div>
12  );
13 }
14
15 ReactDOM.render(
16   <div>
17     <h1>My Contacts</h1>
18     <Cards
19       name="Beyonce"
20       img="https://blackhistorywall.files.wordpress.com/2010/02/picture-device-independ

```

My Contacts

Beyonce



999-999-999

beyonce@gmail.com

REMEMBER : TO STYLE THE CARD WITH CSS YOU HAVE TO ADD CLASSNAME IN HTML ELEMENTS, NOT IN THE COMPONENTS (<CARDS />

Assignment

Goto this sandbox - <https://codesandbox.io/s/react-props-practice-forked-vs62py?file=/src/index.js>

//1. Apply CSS styles to App.jsx component

//to match the appearance on the completed app:

//https://c6fkx.csb.app/

//2. Extract the contact card as a reusable Card component.

//3. Use props to render the default Beyonce contact card

//so the Card component can be reused for other contacts.

//4. Import the contacts.js file to create card components. (remember import/export)

Assignment Outcome in the browser:

