REACT PROPS

React props

Let's...

- Go to this sandbox https://codesandbox.io/s/students-react-props-forked-t2mqq6
- 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.

My Contacts

Beyonce



+123 456 789

b@beyonce.com

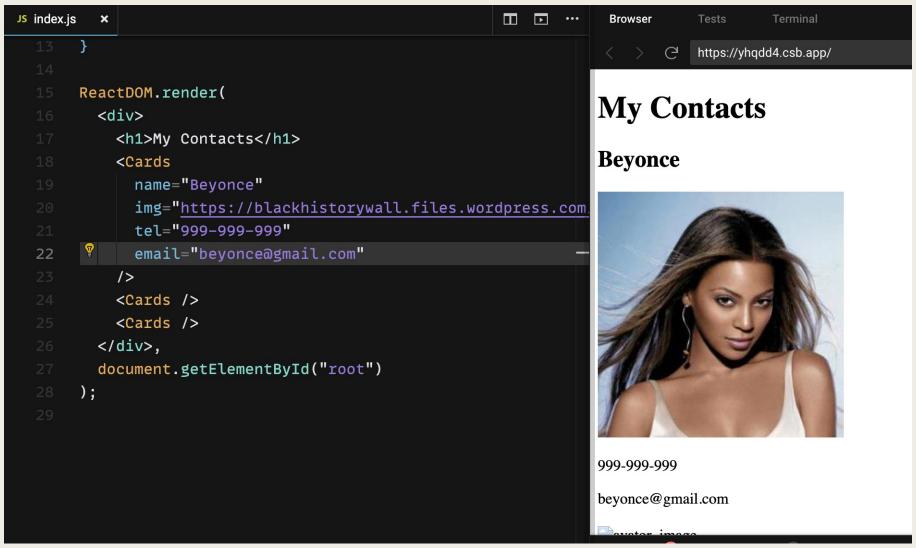
document.getElementById("root")

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
                                                              Ⅲ ▶ …
                                                                         Browser
                                                                                  https://yhqdd4.c
      function Cards(props) {
        return (
                                                                        My Contacts
          <div>
            <h2>{props.name}</h2>
                                                                        avator_image
            <img src={props.img} alt="avator_image" />
            {props.tel}
                                                                        avator_image
            {props.email}
          </div>
                                                                        avator image
        );
      ReactDOM.render(
        <div>
          <h1>My Contacts</h1>
          <Cards />
 18
          <Cards />
          <Cards />
        </div>,
        document.getElementById("root")
     );
```

Pass the values like you do in HTML attributes!



©Prof. Shoaib Ahamed, inspired by The App Brewery

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

```
function Cards(props) {
              return (
                <div className="my-style">
                  <h2>{props.name}</h2>
                  <img src={props.img} alt="avator_image" />
                  {props.tel}
                  {props.email}
                </div>
              );
16.8.6
            ReactDOM.render(
16.8.6
              <div>
3.2.0
                <h1>My Contacts</h1>
                <Cards
                  name="Beyonce"
                  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 - <a href="https://codesandbox.io/s/react-props-practice-forked-vs62py?file=/src/index.js">https://codesandbox.io/s/react-props-practice-forked-vs62py?file=/src/index.js</a>

//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:

