

Each card looks similar (except for the text and image)

```
function App() {  
  return (  
    <div>
```

```
      <div>  
          
        <h3>Alexa</h3>  
      </div>
```

JSX for Alexa

```
      <div>  
          
        <h3>Cortana</h3>  
      </div>
```

JSX for Cortana

```
      <div>  
          
        <h3>Siri</h3>  
      </div>
```

JSX for Siri

```
    </div>  
  );  
}
```

Lots of stuff going on
in it - hard to read!

index.js file

```
const express = require('express');
const app = express();
const port = 3000;

app.get('/', (req, res) => {
  res.send('Hello World!');
});

app.listen(port, () => {
  console.log(`Example app listening on port ${port}`);
});
```

index.js file

```
import App from './App';  
  
// ...other stuff  
  
root.render(<App />);
```

App.js file

```
function App() {  
  return <div>Hey</div>;  
}  
  
export default App;
```





Page 1

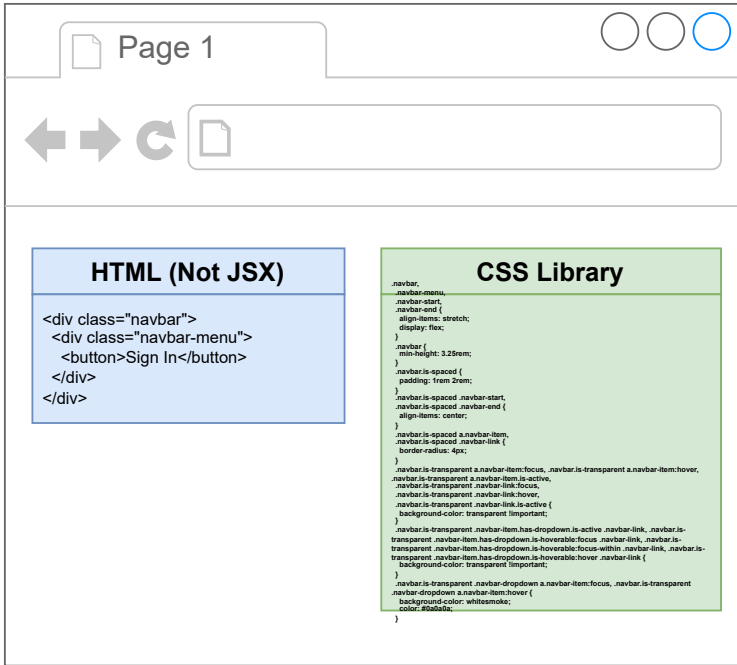


HTML (Not JSX)

```
<button class="primary">  
  Click Here  
</button>
```

CSS

```
.primary {  
  background-color: blue;  
}
```



CSS Library Documentation

If you write out some HTML like this...

```
<div class="navbar">
  <div class="navbar-menu">
    <button>Sign In</button>
  </div>
</div>
```

...you will get a nicely styled navbar with a button!

Options for CSS with React

3

Install a CSS library with NPM, then import it into a component file

bulma.io

*CSS Library with a
bunch of free styling*

Gotchas Around CSS Libraries

HTML in documentation is HTML, not JSX!

Make sure all elements use proper self closing tags

Convert 'class' to 'className'

For 'a' and 'img' elements, check accessibility

In many cases, you might need additional HTML that is not shown

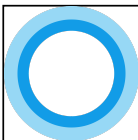


Page 1



Alexa
@alexa99

I'll help you
buy stuff off
Amazon



Cortana
@cortana12

Personal
assistant by
Microsoft



Siri
@siri44

I don't get a
lot of updates
anymore



Page 1



Alexa

@alexa99

Cortana

@cortana12

Siri

@siri44

```
function App() {
```

```
  return (
```

```
    <div>
```

```
      <div>
```

```
        <h3>Alexa</h3>
```

```
        <div>@alexa99</div>
```

```
      </div>
```

```
      <div>
```

```
        <h3>Cortana</h3>
```

```
        <div>@cortana</div>
```

```
      </div>
```

```
      <div>
```

```
        <h3>Siri</h3>
```

```
        <div>@siri</div>
```

```
      </div>
```

```
    </div>
```

```
  );
```

```
}
```

JSX for Alexa

JSX for Cortana

JSX for Siri

**Lots of
duplicated
JSX!**

Creating a Component

1

Create a new file.
(By convention) File should start with a capital letter

`JS App.js`

2

Make your component. Should be a function that returns JSX.

```
function App() { return <hi>Hi</hi> }
```

3

Export the component at the bottom of the file

```
export default App;
```

4

Import the component into another file

```
import App from './App';
```

5

Use the component

```
<App />
```