



Web App Design with React Week 13 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

1. Using create-react-app, create a new React project.
2. Create a LoginForm component that should contain username and password input fields, an h3 that says Log In, and a border. Style the component using the default generated css file.
3. Create a Navigation component that contains links styled like a navbar. The links don't have to go anywhere.
4. Put the Navigation component at the top of the page and the LoginForm in the center of the page.

Screenshots of Code:

Index.html



PROMINEO TECH

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <title>JSX</title>
5     <link rel="stylesheet" href="styles.css" />
6   </head>
7
8   <body>
9     <div id="root"></div>
10    <script src="../src/index.js" type="text/JSX"></script>
11  </body>
12 </html>
13
```

App.jsx x	# App.css	Heading.jsx	<> index.html
<pre>1 import React from "react"; 2 import Heading from "../Heading"; 3 import Navbar from "../Navbar"; 4 import Login from "../Login"; 5 import "../App.css"; 6 7 function App() { 8 return (9 <div> 10 <Heading /> 11 <Navbar /> 12 <Login /> 13 </div> 14); 15 } 16 17 export default App; 18</pre>			



PROMINEO TECH

App.jsx

App.css x

Heading.jsx

<> index.html

Login.jsx

Navbar.j

```
1  ul {
2    list-style-type: none;
3    margin: 0;
4    padding: 0;
5    overflow: hidden;
6    background-color: #db3c86;
7  }
8
9  li {
10   float: left;
11 }
12
13 li a {
14   display: block;
15   color: white;
16   text-align: center;
17   padding: 14px 16px;
18   text-decoration: none;
19 }
20
21 /* Change the link color to #111 (black) on hover */
22 li a:hover {
23   background-color: #111;
24 }
```



PROMINEO TECH

```
25
26  h3 {
27    text-align: center;
28    color: #db3c86;
29    padding: 20px;
30  }
31
32  body {
33    margin: 0;
34    padding: 0;
35    background-color: #f0e9edba;
36    font-family: "Arial";
37  }
38
39  .Login {
40    align-items: center;
41    width: 200px;
42    overflow: hidden;
43    margin: auto;
44    padding: 80px;
45    background: #db3c86;
46    border-radius: 15px;
47  }
48
```



PROMINEO TECH

```
48
49 .userName {
50     width: 300px;
51     height: 30px;
52     border: none;
53     border-radius: 5px;
54     padding: 10px;
55 }
56
57 .password {
58     width: 300px;
59     height: 30px;
60     border: none;
61     border-radius: 5px;
62     padding: 10px;
63 }
64
65 #log {
66     width: 200px;
67     height: 30px;
68     border: none;
69     border-radius: 17px;
70     padding: 7px;
71     color: #db3c86;
72 }
```



PROMINEO TECH

```
App.jsx | # App.css | Heading.jsx x <>
1  import React from "react";
2
3  function Heading() {
4    return <h1>My Website</h1>;
5  }
6
7  export default Heading;
8
```

```
App.jsx | # App.css | Heading.jsx | index.html | Login.jsx x | Navbar.jsx | # : [ ]
1  import React from "react";
2
3  function Login() {
4    return (
5      <div>
6        <h3>Login</h3>
7        <div className="Login">
8          <form>
9            <div className="userName">
10             <input type="text" name="username" value="username" />
11            </div>
12            <div className="password">
13              <input type="text" name="pass" value="password" />
14            </div>
15            <div className="submit">
16              <input type="button" name="log" id="log" value="submit" />
17            </div>
18          </form>
19        </div>
20      </div>
21    );
22  }
23
24  export default Login;
25
```



PROMINEO TECH

```
App.jsx | # App.css | Heading.jsx | index.html | Login.jsx | Navbar.jsx x
1  import React from "react";
2
3  function Navbar() {
4    return (
5      <div>
6        <ul>
7          <li>
8            <a href="default.asp">Home</a>
9          </li>
10         <li>
11           <a href="news.asp">News</a>
12         </li>
13         <li>
14           <a href="contact.asp">Contact</a>
15         </li>
16         <li>
17           <a href="about.asp">About</a>
18         </li>
19       </ul>
20     </div>
21   );
22 }
23
24 export default Navbar;
```

```
# App.css | Heading.jsx | Login.jsx | JS index.js x | Navbar.jsx | # styles.
1  import React from "react";
2  import ReactDOM from "react-dom";
3  import App from "../components/App";
4
5  ReactDOM.render(<App />, document.getElementById("root"));
6
```

Screenshots of Running Application:



PROMINEO TECH

My Website

[Home](#) [News](#) [Contact](#) [About](#)

Login

submit

URL to GitHub Repository:

<https://github.com/alexlaurencarey/week-13-coding-assignment.git>

Code Sandbox link:

<https://codesandbox.io/s/react-components-completed-forked-sdvjlg?file=/src/index.js>