



## Web App Design with React Week 1 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.



# PROMINEO TECH

## Screenshots of Code:

```
src > JS App.js > App
1  import './App.css';
2  import Navigation from './components/navigation';
3  import LoginForm from './components/LoginForm';
4
5  function App() {
6    return (
7      <div>
8        <Navigation/>
9        <LoginForm/>
10     </div>
11   );
12 }
13
14 export default App;
15
```

```
1  import React from 'react';
2
3  export default class Navigation extends React.Component {
4    render() {
5      return (
6        <nav class="navbar navbar-expand-md navbar-light">
7          <div class="d-flex flex-grow-1">
8            <span class="w-100 d-lg-none d-block"></span>
9            <a class="navbar-brand d-md-inline-block" href="#" id="headerText">
10              Christina Lytle
11            </a>
12            <div class="w-100 text-right">
13              <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#myNavbar">
14                <span class="navbar-toggler-icon"></span>
15              </button>
16            </div>
17          </div>
18          <div class="collapse navbar-collapse flex-grow-1 text-right" id="myNavbar">
19            <ul class="navbar-nav ml-auto flex-nowrap">
20              <li class="nav-item">
21                <a href="#" class="nav-link m-2 menu-item nav-active">Resume</a>
22              </li>
23              <li class="nav-item">
24                <a href="#" class="nav-link m-2 menu-item">Portfolio</a>
25              </li>
26              <li class="nav-item">
27                <a href="#" class="nav-link m-2 menu-item">Blog</a>
28              </li>
29              <li class="nav-item">
30                <a href="#" class="nav-link m-2 menu-item">Contact</a>
31              </li>
32            </ul>
33          </div>
34        </nav>
35      )
36    }
37  }
```

```

src > components > JS loginForm.js > ...
1  import React from 'react';
2  import picture from '../pictures/loginheader.jpg';
3  |
4
5
6  export default class LoginForm extends React.Component {
7      render() {
8          return (
9              <div className="form-input">
10                 <img src={picture} alt="cactus with computer"/>
11                 <div className="header">
12                     <p>Login</p>
13                 </div>
14                 <form>
15                     <div className="form-group text-center">
16                         <label for="username">Username</label>
17                         <input type="text" className="form-control" id="username"
18                             aria-describedby="emailHelp" placeholder="Enter Username"></input>
19                     </div>
20                     <div className="form-group text-center">
21                         <label for="exampleInputPassword1">Password</label>
22                         <input type="password" className="form-control" id="exampleInputPassword1" placeholder="Enter Password"></input>
23                     </div>
24                     <div className="text-center">
25                         <button type="submit" className="btn btn-primary">Submit</button>
26                     </div>
27                 </form>
28             </div>
29         )
30     }
31 }
32

```

```

src > # index.css > .form-input
1  .form-input {
2      width: 500px;
3      height: 420px;
4      border: solid 1px black;
5      position: fixed;
6      top: 50%;
7      left: 50%;
8      transform: translate(-50%, -50%);
9  }
10
11  form {
12      position: relative;
13      padding-top: 185px;
14      padding-left: 10px;
15      padding-right: 10px;
16      font-size: 20px;
17      font-family: Georgia, 'Times New Roman', Times, serif
18  }
19
20
21  img {
22      width: 498px;
23      height: auto;
24      position: absolute;
25      opacity: 0.7;
26  }
27
28
29  .header {
30      position: absolute;
31      font-family: Arial, Helvetica, sans-serif;
32      font-size: 35px;
33      text-align: center;
34  }
35
36
37  p {
38      text-align: center;
39      color: white;
40      padding-left: 210px;
41      padding-top: 60px;
42      font-size: 1em;
43      font-family: Georgia, 'Times New Roman', Times, serif;
44      text-shadow: 2px 2px black;
45  }
46

```

```

47
48  .btn-primary {
49      background-color: rgb(218, 77, 147) !important;
50      color: black !important;
51      border: 1px black solid !important;
52  }
53
54

```



# PROMINEO TECH

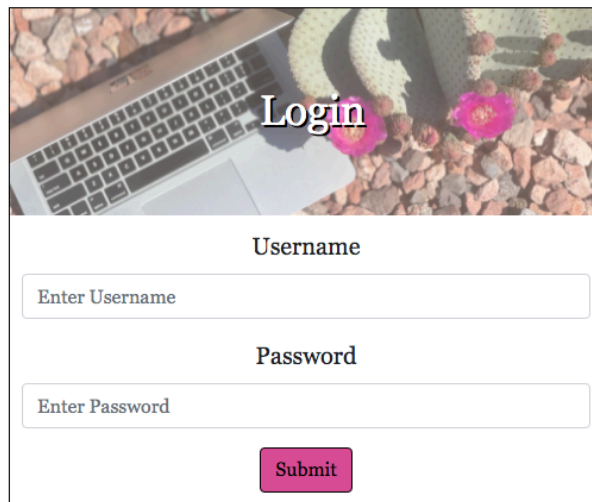
Christina Lytle

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**Login**

Username

Password

**Submit**

## Screenshots of Running Application:

### URL to GitHub Repository:

Live site: <https://christinalytle.github.io/ReactLoginApp/>

Code: <https://github.com/Christinalytle/ReactLoginApp>