PROMINEO TECH

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.

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Screenshots of Code:

```jsx
1   import React from 'react';
2
3   export default class LogIn extends React.Component {
4       render() {
5           return (
6               <center><form id="login">
7                   <h3 id="loginlogo">Log In</h3>
8                   <div className="mb-3">
9                   <label for="formGroupExampleInput" className="form-label"></label>
10                  <input type="text" className="form-control" id="formGroupExampleInput" placeholder="UserName" />
11                  </div>
12                  <div className="mb-3">
13                  <label for="formGroupExampleInput2" className="form-label"></label>
14                  <input type="password" className="form-control" id="formGroupExampleInput2" placeholder="Password" />
15                  </div>
16                  <div className="mb-3 form-check">
17                  <input type="checkbox" class="form-check-input" id="exampleCheck1" />
18                  <label className="form-check-label" for="exampleCheck1">Remember Me</label>
19                  </div>
20                  <button type="submit" className="btn btn-primary">Sign In</button>
21              </form>
22              </center>
23          );
24      }
25  }
26
27
```

log-in-page > src > components > JS navbar.js > ⚡ NavBar > ◈ render

```jsx
1       import React from 'react';
2
3
4   ∨ export default class NavBar extends React.Component {
5   ∨      render() {
6               return (
7   ∨              <nav id="menu" className="navbar navbar-expand-sm" >
8                       <a className="navbar-brand" href="#" />
9   ∨                  <ul className="navbar-nav" id="nav">
10  ∨                  <li class="nav-item active">
11                              {/* per reuest of office hours here are some random links */}
12                      <a className="nav-link" href="https://www.youtube.com/watch?v=CdKZrRomPg4">Watch Out!</a>
13                  </li>
14  ∨              <li>
15                  <a className="nav-link" href="https://www.youtube.com/watch?v=czLYl4fM8yk">Goofy</a>
16                  </li>
17  ∨              <li>
18                  <a className="nav-link" href="https://www.youtube.com/watch?v=oy-3KI2eHi4">#1</a>
19                  </li>
20                  </ul>
21
22
23                  </nav>
24          );
25      }
26  }
27
```

```css
 1  #menu {
 2      background-color: ■ lightblue;
 3      padding: 10px;
 4      text-align: center;
 5      align-items: center;
 6      text-emphasis-color: ■ gray;
 7      font-size: 25px;
 8      opacity: 80%;
 9      font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
10  }
11
12  li {
13      border: 6px double;
14      border-color: □ lightyellow;
15      padding-left: 200px;
16      padding-right: 200px;
17      text-align: auto;
18      display: flex;
19      align-items: auto;
20      justify-content: center;
21  }
22
23  body {
24      background-image: url('components/background.2.png');
25      background-size: 100%;
26  }
27
28
29  #login {
30      border: 13px double;
31      border-color: □ lightyellow;
32      text-align: center;
33      height: 350px;
34      width: 370px;
35      position: fixed;
36      top: 200px;
37      right: 300px;
```

```css
 30    border: 13px double;
 31    border-color: ▢ lightyellow;
 32    text-align: center;
 33    height: 350px;
 34    width: 370px;
 35    position: fixed;
 36    top: 200px;
 37    right: 300px;
 38    left: 590px;
 39    display: flex;
 40    flex-direction: column;
 41    align-items: center;
 42    justify-content: center;
 43    background-color: ▢ lightcoral;
 44    opacity: 80%;
 45 }
 46
 47 #loginlogo {
 48    padding-left: 3px;
 49    padding-right: 3px;
 50    padding-bottom: 5px;
 51    border: 3px solid;
 52    border-color: ▢ lightyellow;
 53    text-emphasis-color: ▢ gray;
 54    opacity: 80%;
 55    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
 56 }
 57
 58 .App {
 59    text-align: center;
 60 }
 61
 62 .App-logo {
 63    height: 40vmin;
 64    pointer-events: none;
 65 }
 66
 67 @media (prefers-reduced-motion: no-preference) {
```

```css
63        height: 40vmin;
64        pointer-events: none;
65    }
66
67    @media (prefers-reduced-motion: no-preference) {
68        .App-logo {
69            animation: App-logo-spin infinite 20s linear;
70        }
71    }
72
73    .App-header {
74        background-color: ☐#282c34;
75        min-height: 100vh;
76        display: flex;
77        flex-direction: column;
78        align-items: center;
79        justify-content: center;
80        font-size: calc(10px + 2vmin);
81        color: ☐white;
82    }
83
84    .App-link {
85        color: ☐#61dafb;
86    }
87
88    @keyframes App-logo-spin {
89        from {
90            transform: rotate(0deg);
91        }
92        to {
93            transform: rotate(360deg);
94        }
95    }
96
```

```
1    import './App.css';
2    import NavBar from './components/navbar.js';
3    import LogIn from './components/log-in';
4
5
6    function App() {
7      return (
8        <div className="App">
9          <NavBar />
10         <LogIn />
11       </div>
12     );
13   }
14
15   export default App;
16
```
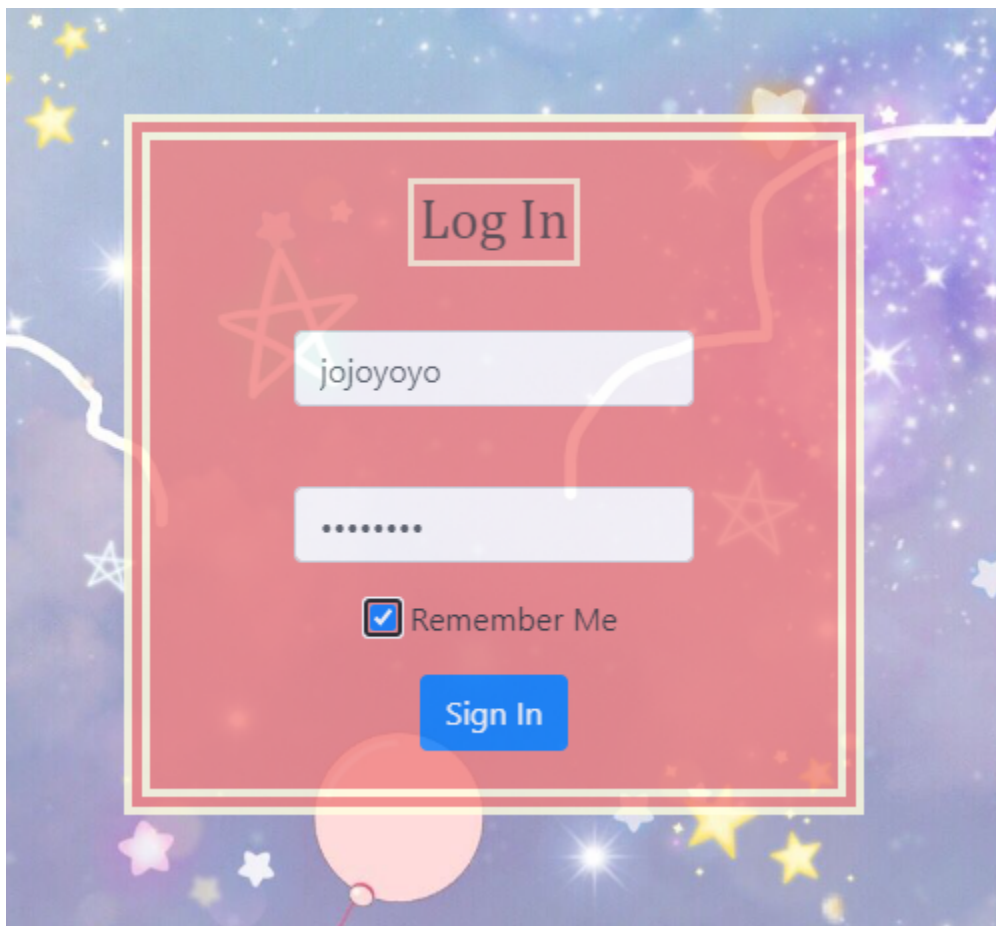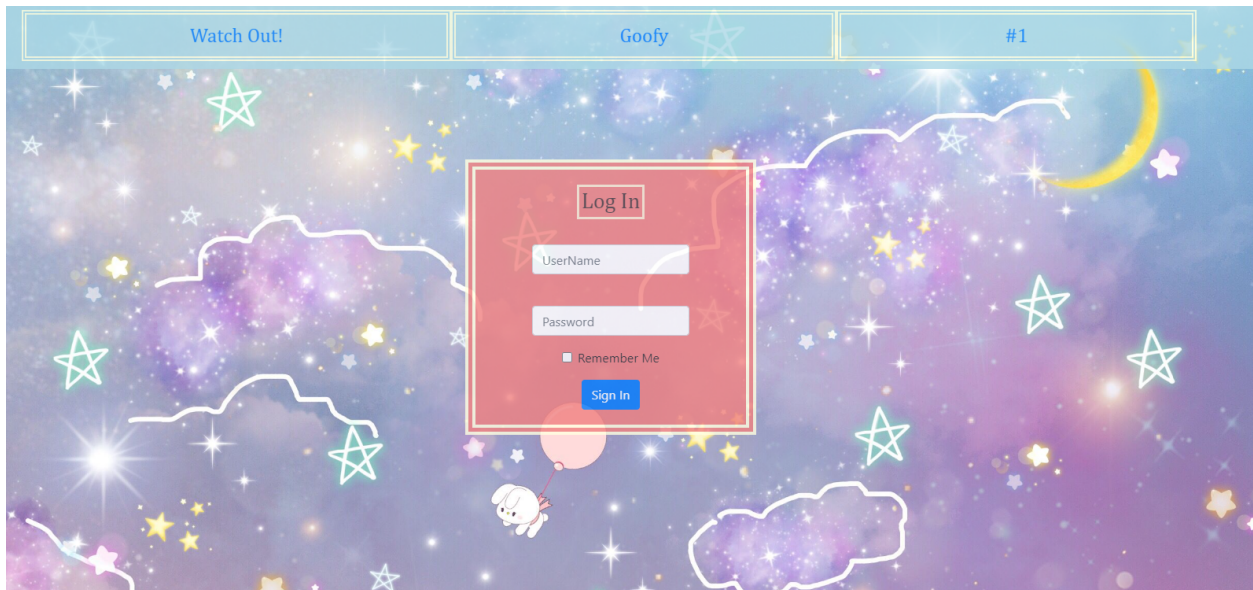
```
log-in-page > src > JS index.js
  1     import React from 'react';
  2     import ReactDOM from 'react-dom';
  3     import '../node_modules/bootstrap/dist/css/bootstrap.css';
  4     import './index.css';
  5     import App from './App';
  6     import reportWebVitals from './reportWebVitals';
  7
  8     ReactDOM.render(
  9       <React.StrictMode>
 10         <App />
 11       </React.StrictMode>,
 12       document.getElementById('root')
 13     );
 14
 15     // If you want to start measuring performance in your app, pass a function
 16     // to log results (for example: reportWebVitals(console.log))
 17     // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
 18     reportWebVitals();
 19
```

```
log-in-page > src > # index.css > ...
  1   body {
  2     margin: 0;
  3     font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',
  4       'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',
  5       sans-serif;
  6     -webkit-font-smoothing: antialiased;
  7     -moz-osx-font-smoothing: grayscale;
  8   }
  9
 10   code {
 11     font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',
 12       monospace;
 13   }
 14
```

Screenshots of Running Application:

PROMINEO TECH

Watch Out!	Goofy	#1

Log In

UserName

Password

☐ Remember Me

Sign In

Log In

jojoyoyo

••••••••

☑ Remember Me

Sign In

URL to GitHub Repository:

https://github.com/JoleneMel/Week1.LogIn.React