

Department of Computer Science and Engineering

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UCS1601 - Internet Programming

Assignment 7: React Assignment

Objective:

Install Node.js. Execute a simple react code which renders a React Element.

Code:

HTML:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8" />
5     <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
6     <meta name="viewport" content="width=device-width,
      initial-scale=1" />
```

```

7     <meta name="theme-color" content="#000000" />
8     <meta
9         name="description"
10        content="Web site created using create-react-app"
11    />
12    <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.
13    png" />
14    <!--
15        manifest.json provides metadata used when your web app
16        is installed on a
17        user's mobile device or desktop. See https://developers
18        .google.com/web/fundamentals/web-app-manifest/
19    -->
20    <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
21    <!--
22        Notice the use of %PUBLIC_URL% in the tags above.
23        It will be replaced with the URL of the 'public' folder
24        during the build.
25        Only files inside the 'public' folder can be referenced
26        from the HTML.
27
28        Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC_URL%/
29        favicon.ico" will
30        work correctly both with client-side routing and a non-
31        root public URL.
32        Learn how to configure a non-root public URL by running
33        'npm run build'.
34    -->
35    <title>React App</title>
36  </head>
37  <body>
38    <noscript>You need to enable JavaScript to run this app.<
39    /noscript>
40    <div id="root"></div>
41    <!--
42        This HTML file is a template.
43        If you open it directly in the browser, you will see an
44        empty page.
45
46        You can add webfonts, meta tags, or analytics to this
47        file.
48        The build step will place the bundled scripts into the
49        <body> tag.

```

```
39     To begin the development, run 'npm start' or 'yarn
    start'.
40     To create a production bundle, use 'npm run build' or '
    yarn build'.
41     -->
42     </body>
43 </html>
```

Javascript:

```
1 import './App.css';
2
3 function App() {
4   return (
5     <div className="App">
6       <h1 className="header">React assignment</h1>
7       <hr/>
8       <br/>
9       <h3 className="content">Hello world</h3>
10    </div>
11
12    );
13 }
14
15 export default App;
```

Output:

