

Week6_3_ReactJS_HOL

Creating the App

```
Active code page: 65001

C:\Users\veert\OneDrive\Desktop\javanew>npx create-react-app scorecalculatorapp

Creating a new React app in C:\Users\veert\OneDrive\Desktop\javanew\scorecalculatorapp.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1323 packages in 41s

269 packages are looking for funding
  run `npm fund` for details

Initialized a git repository.

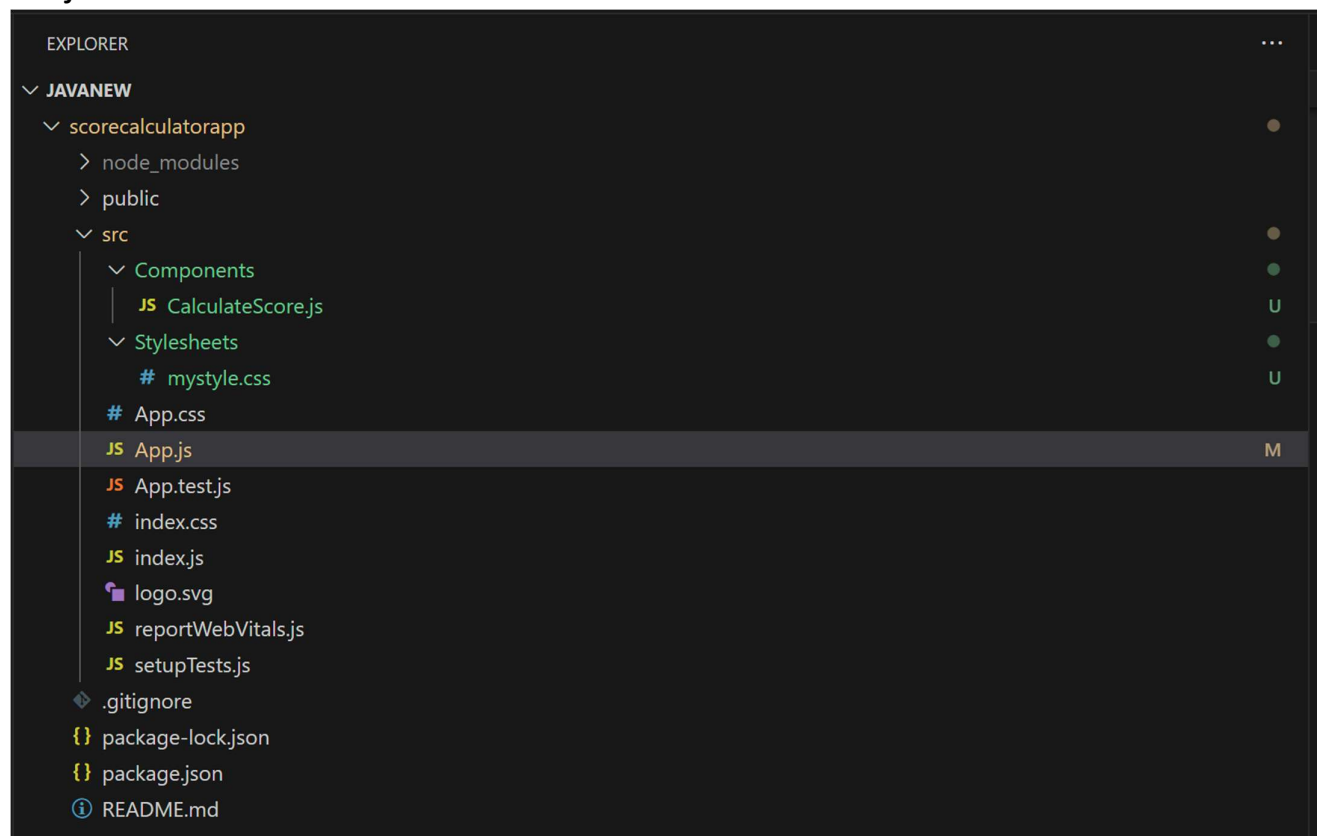
Installing template dependencies using npm...

added 17 packages, and changed 1 package in 4s

269 packages are looking for funding
  run `npm fund` for details
Removing template package using npm...

removed 1 package, and audited 1340 packages in 3s
```

Project Folder



CalculateScore.js

```
scorecalculatorapp > src > Components > JS CalculateScore.js > ...
1  import React from 'react';
2  import '../Stylesheets/mystyle.css';
3
4  function CalculateScore(props) {
5    const average = props.total / props.goal;
6
7    return (
8      <div className="score-box">
9        <h2>Score Calculation</h2>
10       <p><strong>Name:</strong> {props.name}</p>
11       <p><strong>School:</strong> {props.school}</p>
12       <p><strong>Total:</strong> {props.total}</p>
13       <p><strong>Goal:</strong> {props.goal}</p>
14       <p><strong>Average:</strong> {average.toFixed(2)}</p>
15     </div>
16   );
17 }
18
19 export default CalculateScore;
20
```

Mystyle.css

```
scorecalculatorapp > src > Stylesheets > # mystyle.css > ...
1  .score-box {
2    border: 2px solid #4CAF50;
3    padding: 20px;
4    margin: 20px auto;
5    width: 300px;
6    font-family: Arial, sans-serif;
7    background-color: #f9f9f9;
8    border-radius: 10px;
9    box-shadow: 2px 2px 10px rgba(0,0,0,0.1);
10 }
11
12 .score-box h2 {
13   color: #4CAF50;
14   margin-bottom: 15px;
15 }
16
17 .score-box p {
18   margin: 8px 0;
19 }
20
```

App.js

```
scorecalculatorapp > src > JS App.js > ...
1  import React from 'react';
2  import './App.css';
3  import CalculateScore from './Components/CalculateScore';
4
5  function App() {
6    return (
7      <div className="App">
8        <CalculateScore
9          name="Aaditiya Tyagi"
10         school="Delhi Public School"
11         total={480}
12         goal={5}
13       />
14     </div>
15   );
16 }
17
18 export default App;
19
```

Starting the app

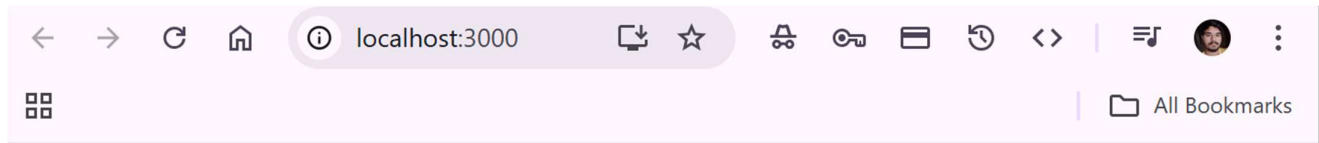
er.

Local: http://localhost:3000
On Your Network: http://192.168.56.1:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled **successfully**

Output



Score Calculation

Name: Aaditiya Tyagi

School: Delhi Public School

Total: 480

Goal: 5

Average: 96.00