

Week6_2_React_HOL

Creating the Project

Active code page: 65001

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

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

Installing packages. This might take a couple of minutes.

Installing **react**, **react-dom**, and **react-scripts** with **cra-template...**

added 1323 packages in 44s

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...

Folder Structure

EXPLORER

▼ JAVANEW

▼ student

> node_modules

> public

▼ src

▼ Components

JS About.js

JS Contact.js

JS Home.js


App.css

JS App.js

JS App.test.js

index.css

JS index.js

 logo.svg


JS reportWebVitals.js

JS setupTests.js

 .gitignore

{ } package-lock.json

{ } package.json

 README.md

Home.js

```
student > src > Components > JS Home.js > [⌘] default
1  import React from 'react';
2
3  class Home extends React.Component {
4    render() {
5      return (
6        <div>
7          <h2>Welcome to the Home page of Student Management Portal</h2>
8        </div>
9      );
10   }
11 }
12
13 export default Home;
14
```

Contact.js

```
student > src > Components > JS Contact.js > ...
1  import React from 'react';
2
3  class Contact extends React.Component {
4    render() {
5      return (
6        <div>
7          <h2>Welcome to the Contact page of the Student Management Portal</h2>
8        </div>
9      );
10   }
11 }
12
13 export default Contact;
14
```

About.js

```
student > src > Components > JS About.js > ...
1  import React from 'react';
2
3  class About extends React.Component {
4    render() {
5      return (
6        <div>
7          <h2>Welcome to the About page of the Student Management Portal</h2>
8        </div>
9      );
10   }
11 }
12
13 export default About;
14
```

App.js

```
student > src > JS Appjs > ...
1  import React from 'react';
2  import './App.css';
3  import Home from './Components/Home';
4  import About from './Components/About';
5  import Contact from './Components/Contact';
6
7  function App() {
8    return (
9      <div className="App">
10        <Home />
11        <About />
12        <Contact />
13      </div>
14    );
15  }
16
17  export default App;
18
```

Starting the app

Active code page: 65001

C:\Users\veert\OneDrive\Desktop\javanew>cd student

C:\Users\veert\OneDrive\Desktop\javanew\student>npm start

> student@0.1.0 start

> react-scripts start

Compiled successfully!

You can now view **student** in the browser.

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



Welcome to the Home page of Student Management Portal

Welcome to the About page of the Student Management Portal

Welcome to the Contact page of the Student Management Portal