Week7 13 ReactJS HOL

Creating the app

```
Active code page: 65001

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

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

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

added 1323 packages in 1m

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

Initialized a git repository.
```

Folder Structure

```
EXPLORER
∨ JAVANEW

√ bloggerapp

    > public

✓ components

          JS BlogDetails.js
          JS BookDetails.js
          JS CourseDetails.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
    (i) README.md
```

BlogDetails.js

BookDetails.js

```
bloggerapp > src > components > JS BookDetails.js > ...
      import React from 'react';
      const BookDetails = () => {
        const books = ['React Basics', 'JS Mastery', 'Learn Node'];
       return (
          <div>
           <h2>Book Details</h2>
           <l
             {books.map((book, index) => (
             {book}
             ))}
           </div>
       );
      };
      export default BookDetails;
 19
```

CourseDetails.js

App.js

```
bloggerapp > src > JS App.js > ♦ App
      import React, { useState } from 'react';
      import BookDetails from './components/BookDetails';
      import BlogDetails from './components/BlogDetails';
      import CourseDetails from './components/CourseDetails';
      function App() {
        const [view, setView] = useState('book');
  6
        let element = null;
          element = <BookDetails />;
        } else if (view === 'blog') {
        element = <BlogDetails />;
          element = <CourseDetails />;
 14
          <div className="App">
            <h1>Blogger App</h1>
              <button onClick={() => setView('book')}>Show Books</button>
              <button onClick={() => setView('blog')}>Show Blogs</button>
              <button onClick={() => setView('course')}>Show Courses</button>
            {element}
            {view === 'blog' ? <BlogDetails /> : null}
            {view === 'course' && <CourseDetails />}
 30
      export default App;
```

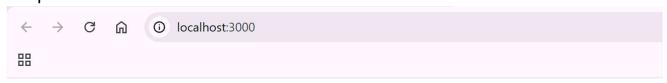
Starting the app

```
Local: http://localhost:3000
On Your Network: http://l92.168.56.1:3000
On Your Network: http://l92.168.56.1:3000
On Your Network: http://l92.168.56.1:3000

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

webpack compiled successfully
```

Output

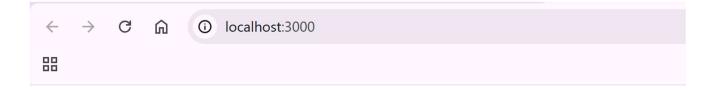


Blogger App

Show Books Show Blogs Show Courses

Book Details

- React Basics
- JS Mastery
- Learn Node



Blogger App

Show Books Show Blogs Show Courses

Blog Details

- Why React is Popular
- JSX Explained
- React vs Angular

Blog Details

- Why React is Popular
- JSX Explained
- React vs Angular

Blogger App

Show Books | Show Blogs | Show Courses

Course Details

- Frontend Development
- Backend API Design
- Full Stack Project

Course Details

- Frontend Development
- Backend API Design
- Full Stack Project