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COMP 3123 - 15795

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## Lab 10 - React Redux & JWT

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### Initializing React Application

```
MINGW64:/d/Safe_Drive/comp_3123-full_stack_development/lab_exercises/lab_10
jayde@DESKTOP-90BKNF MINGW64 /d/Safe_Drive/comp_3123-full_stack_development/lab_exercises/lab_10 (main)
$ npx create-react-app lab_10_react_redux_app

Creating a new React app in D:\Safe_Drive\comp_3123-full_stack_development\lab_exercises\lab_10\lab_10_react_redux_app.

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

added 1305 packages in 52s

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

Installing template dependencies using npm...

added 17 packages, and changed 1 package in 6s

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

removed 1 package, and audited 1322 packages in 3s

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

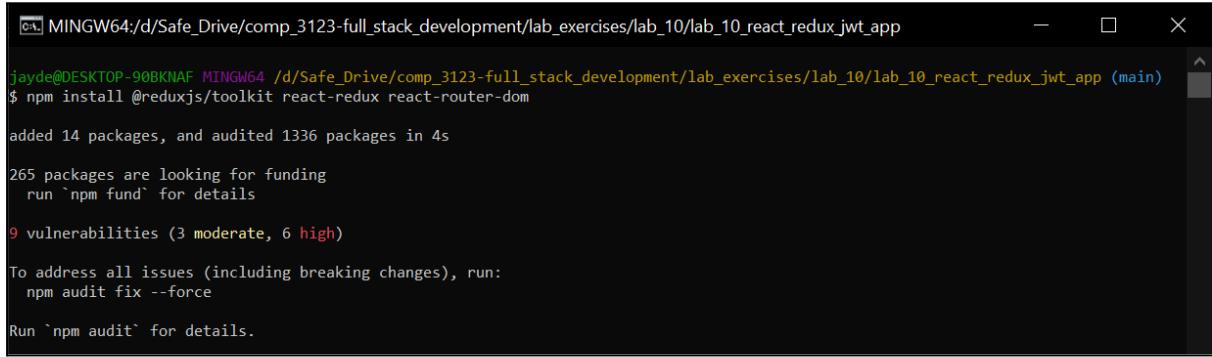
9 vulnerabilities (3 moderate, 6 high)

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Success! Created lab_10_react_redux_app at D:\Safe_Drive\comp_3123-full_stack_development\lab_exercises\lab_10\lab_10_react_redux_app
Inside that directory, you can run several commands:
```

## Installing React Redux Toolkit



```
MINGW64:/d/Safe_Drive/comp_3123-full_stack_development/lab_exercises/lab_10/lab_10_react_redux_jwt_app
jayde@DESKTOP-90BKNAF MINGW64 /d/Safe_Drive/comp_3123-full_stack_development/lab_exercises/lab_10/lab_10_react_redux_jwt_app (main)
$ npm install @reduxjs/toolkit react-redux react-router-dom

added 14 packages, and audited 1336 packages in 4s

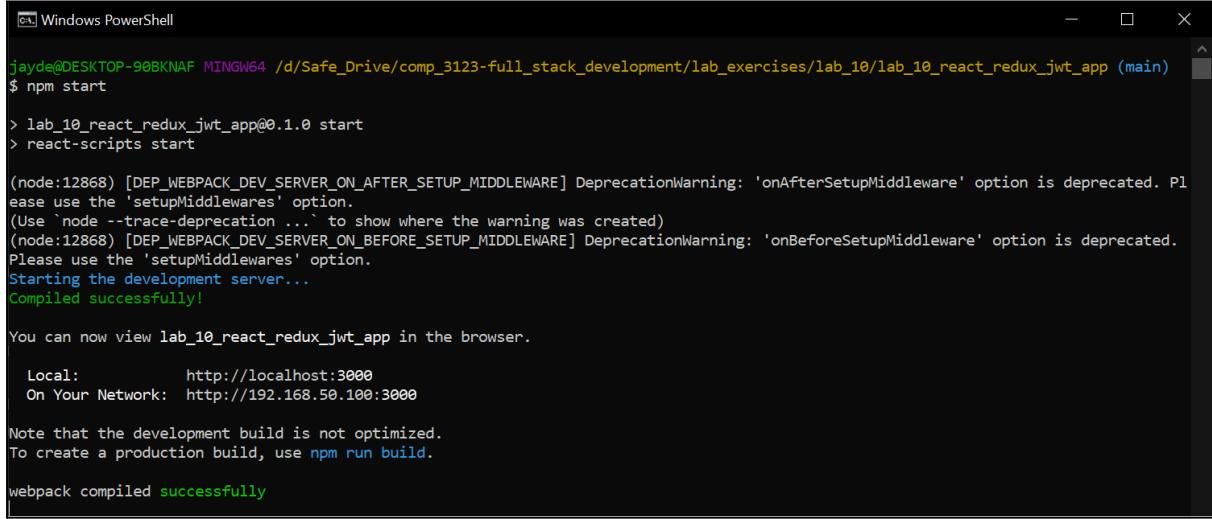
265 packages are looking for funding
  run `npm fund` for details

9 vulnerabilities (3 moderate, 6 high)

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
```

## Starting React Application



```
Windows PowerShell
jayde@DESKTOP-90BKNAF MINGW64 /d/Safe_Drive/comp_3123-full_stack_development/lab_exercises/lab_10/lab_10_react_redux_jwt_app (main)
$ npm start

> lab_10_react_redux_jwt_app@0.1.0 start
> react-scripts start

(node:12868) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
(Use `node --trace-deprecation ...` to show where the warning was created)
(node:12868) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
Starting the development server...
Compiled successfully!

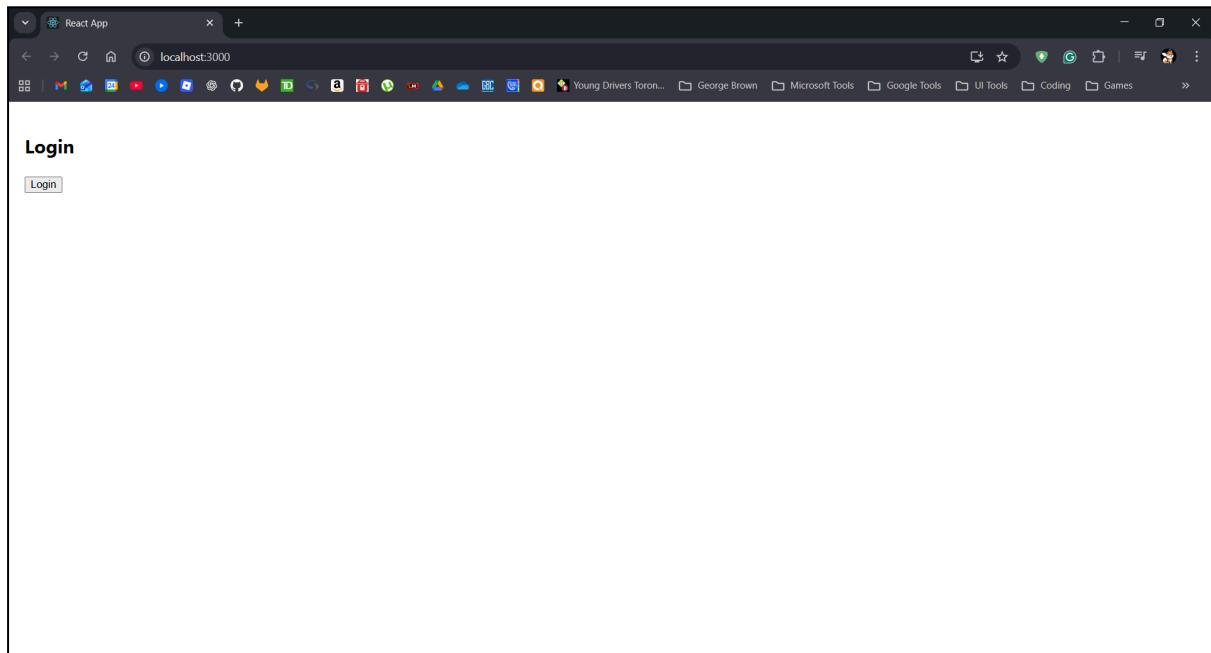
You can now view lab_10_react_redux_jwt_app in the browser.

  Local:          http://localhost:3000
  On Your Network:  http://192.168.50.100:3000

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

webpack compiled successfully
```

## React Application Login Page



## React Application Dashboard

