

REACT

1.ReactJS-HOL

Installed nodejs and applied the following commands:

```
Command Prompt
C:\Users\gppav>npm install -g create-react-app
npm warn deprecated fstream-ignore@1.0.5: This package is no longer supported.
npm warn deprecated uid-number@0.0.6: This package is no longer supported.
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if you want a good and te
sted way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated rimraf@2.7.1: Rimraf versions prior to v4 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated fstream@1.0.12: This package is no longer supported.
npm warn deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please upgrade asap.

added 64 packages in 8s

4 packages are looking for funding
  run 'npm fund' for details
npm notice
npm notice New major version of npm available! 10.9.2 -> 11.4.2
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.4.2
npm notice To update run: npm install -g npm@11.4.2
npm notice

C:\Users\gppav>npm install -g npm@11.4.2

added 1 package in 18s

25 packages are looking for funding
  run 'npm fund' for details

C:\Users\gppav>npx create-react-app myfirstreact
create-react-app is deprecated.

You can find a list of up-to-date React frameworks on react.dev
For more info see:https://react.dev/link/cra

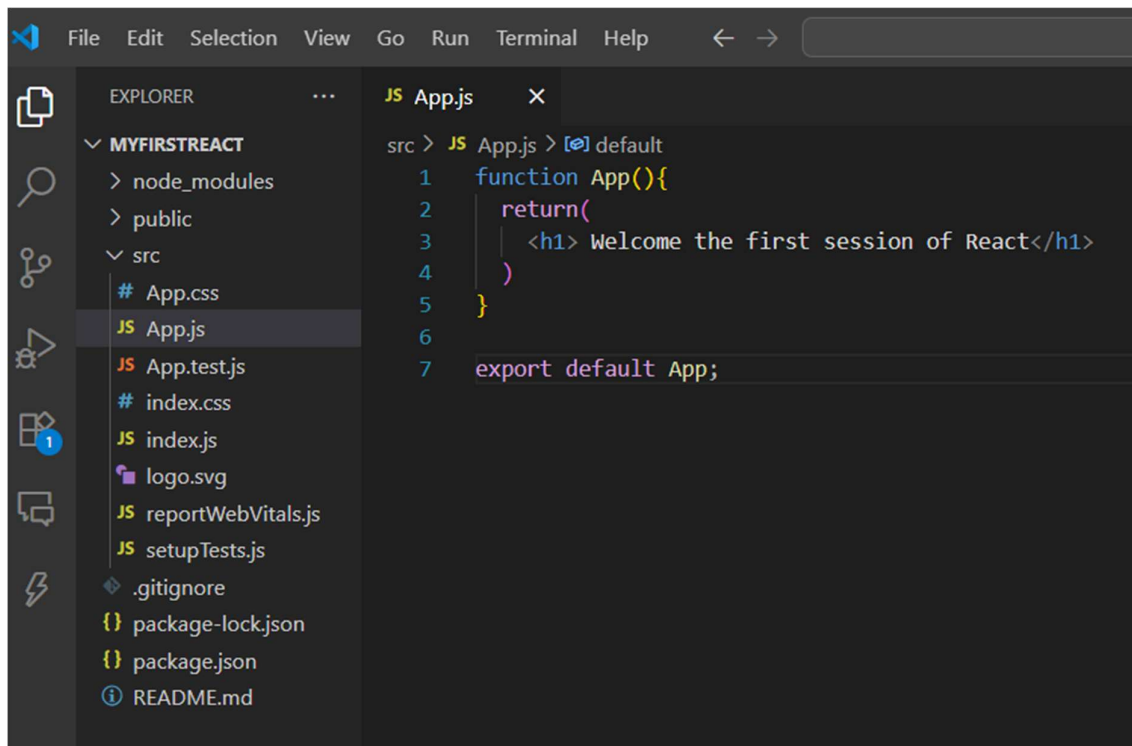
This error message will only be shown once per install.

Creating a new React app in C:\Users\gppav\myfirstreact.
```

Then navigated into the folder of myfirstreact:

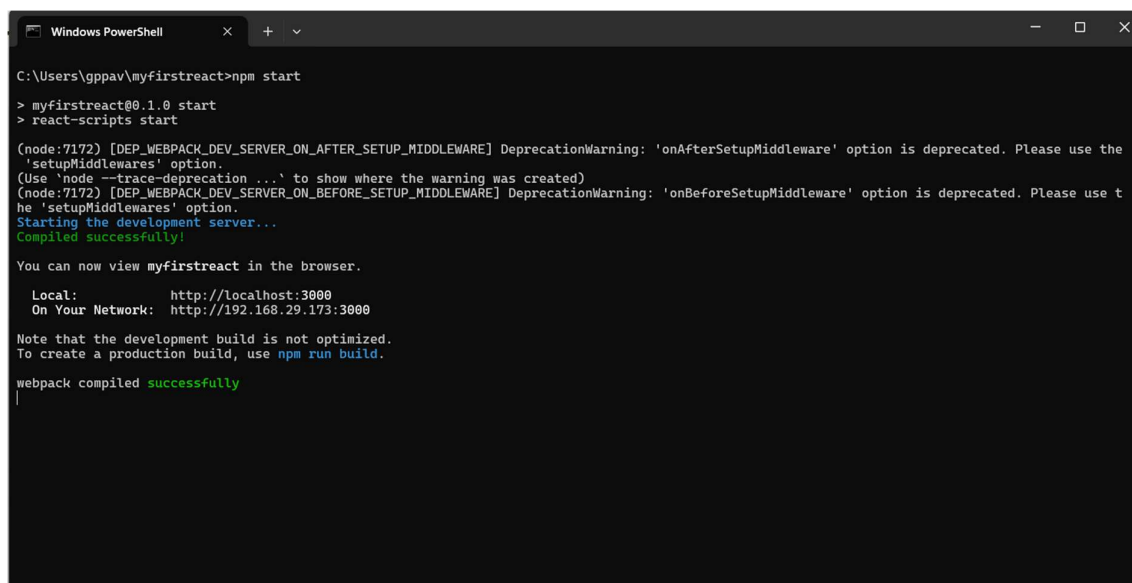
```
C:\Users\gppav>cd myfirstreact
C:\Users\gppav\myfirstreact>
```

Opened the App.js and replaced the content:



```
File Edit Selection View Go Run Terminal Help  
EXPLORER  
MYFIRSTREACT  
  node_modules  
  public  
  src  
    App.css  
    App.js  
    App.test.js  
    index.css  
    index.js  
    logo.svg  
    reportWebVitals.js  
    setupTests.js  
  .gitignore  
  package-lock.json  
  package.json  
  README.md  
JS App.js  
src > JS App.js > default  
1 function App(){  
2   return(  
3     <h1> Welcome the first session of React</h1>  
4   )  
5 }  
6  
7 export default App;
```

Wrote the command to execute the react program:



```
Windows PowerShell  
C:\Users\gppav\myfirstreact>npm start  
> myfirstreact@0.1.0 start  
> react-scripts start  
(node:7172) [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:7172) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use t  
he 'setupMiddlewares' option.  
Starting the development server...  
Compiled successfully!  
You can now view myfirstreact in the browser.  
Local:      http://localhost:3000  
On Your Network: http://192.168.29.173:3000  
Note that the development build is not optimized.  
To create a production build, use npm run build.  
webpack compiled successfully
```

OUTPUT:

