

React JS:

- Install React.js.
- Creating a React Application and print message "Hello React.js"
- Change the default port 3000 to 3001

React is installed in system with create-react-app, which creates a starter package of react app, with provided name:

Npx create-react-app testapp

This command will create a sample react app along with installing required dependencies like react, react-dom, react-scripts, cra-template. (We can also do ***npm install react*** to install react)

Then ***cd testapp***, to go to the project directory.

To start the development server at default port 3000,

Npm start

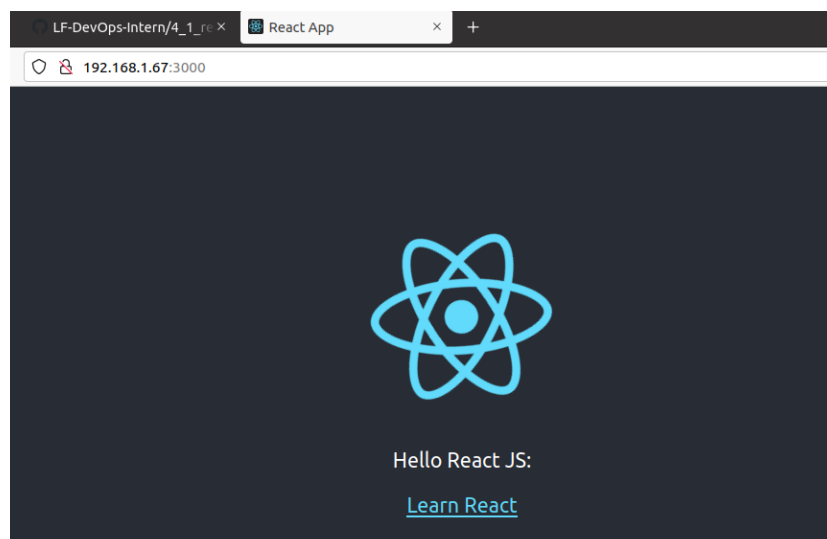
```
Compiled successfully!

You can now view testapp in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.1.67:3000

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

Here is the screenshot of the running server, at port 3000.



Inside the project directory, the package.json file is edited for port configuration.

Nano package.json

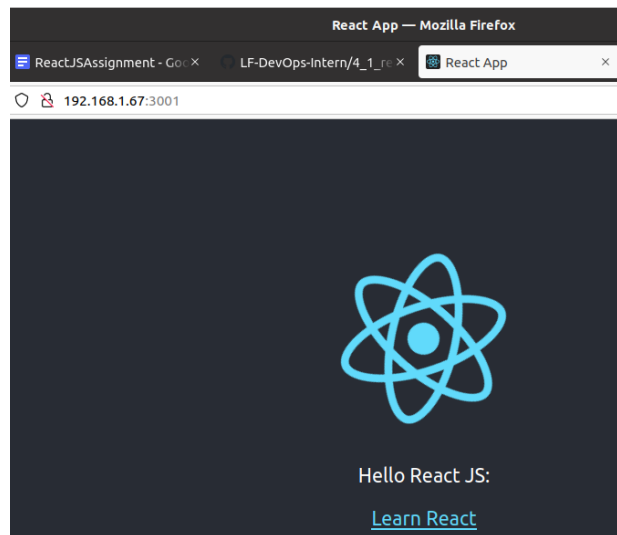
```
},  
  "scripts": {  
    "start": "PORT=3001 react-scripts start",  
    "build": "react-scripts build",  
    "test": "react-scripts test",  
    "eject": "react-scripts eject"  
  },  
  "eslintConfig": {
```

PORT=3001 is added with start under scripts and saved and exited.

Finally, **npm start** to start the server again and the port is changed to 3001.

```
Compiled successfully!  
  
You can now view testapp in the browser.  
  
Local:      http://localhost:3001  
On Your Network:  http://192.168.1.67:3001  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.
```

And we can verify the running server from browser:



In this way, we can create a react application and change its port configurations.