Create React App

To learn and test React, you should set up a React Environment on your computer.
This tutorial uses the `create-react-app`.
The `create-react-app` tool is an officially supported way to create React applications.
[Node.js](#) is required to use `create-react-app`.
Open your terminal in the directory you would like to create your application.
Run this command to create a React application named `my-react-app`:

```
npx create-react-app my-react-app
```

```
Output:
Creating a new React app in D:\ReactJS\workspace\w3schools\my-react-app.
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...
[##.................] / idealTree:@pmmmwh/react-refresh-webpack-plugin: timing
idealTree:node_modules/@pmmmwh/react-refresh-webpack-plu
Creating a new React app in D:\ReactJS\workspace\w3schools\my-react-app.

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

added 1371 packages in 3m
169 packages are looking for funding
  run `npm fund` for details
Initialized a git repository.
Installing template dependencies using npm...
npm WARN deprecated source-map-resolve@0.6.0: See https://github.com/lydell/source-map-
resolve#deprecated
added 38 packages in 20s
169 packages are looking for funding
  run `npm fund` for details
Removing template package using npm...
removed 1 package, and audited 1409 packages in 4s
169 packages are looking for funding
  run `npm fund` for details
6 moderate severity vulnerabilities
To address all issues (including breaking changes), run:
  npm audit fix --force
Run `npm audit` for details.
Created git commit.

Success! Created my-react-app at D:\ReactJS\workspace\w3schools\my-react-app
Inside that directory, you can run several commands:
  npm start
    Starts the development server.
  npm run build
    Bundles the app into static files for production.
  npm test
    Starts the test runner.
  npm run eject
    Removes this tool and copies build dependencies, configuration files
    and scripts into the app directory. If you do this, you can't go back!
We suggest that you begin by typing:
  cd my-react-app
  npm start
Happy hacking!
```

`create-react-app` will set up everything you need to run a React application.

Run the React Application

Run this command to move to the `my-react-app` directory:

```
cd my-react-app
```

Run this command to execute the React application `my-react-app`:

```
npm start
```

A new browser window will pop up with your newly created React App! If not, open your browser and type `localhost:3000` in the address bar.

The result: