React – Node.js application

In this section, you will create a simple static website that can be deployed to the cloud. This tutorial uses [create-react-app](https://github.com/facebook/create-react-app), a React utility CLI, to quickly scaffold out a simple React app from the terminal.

Install create-react-app tool

[React](https://reactjs.org/) is a popular framework for building web applications, so we will use it as an example. You can scaffold (create) a new React application using the [create-react-app](https://github.com/facebook/create-react-app) tool. The create-react-app tool is shipped as an npm module and can be installed by using npm.

npm install -g create-react-app

The -g switch installs the create-react-app globally on your machine so you can run it from anywhere.

Create a new application

Next, scaffold a new React app called react-app by running:

create-react-app react-app

And build the application by switching to the new folder and running npm run build.

cd react-app

npm run build

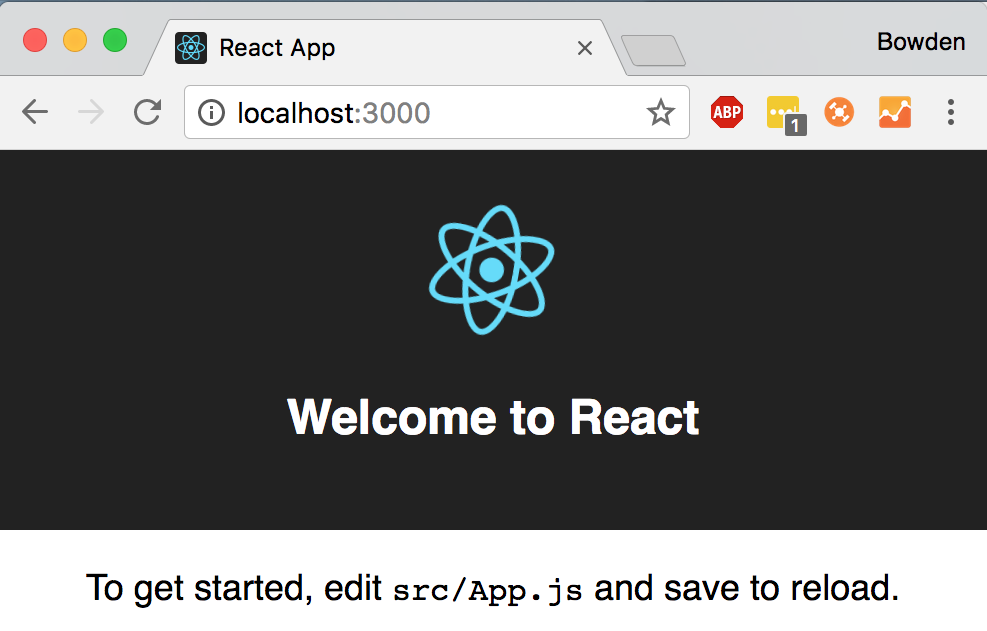
You should now have a build folder in your project folder. This contains the .html, .css, and .js files we will be deploying to Azure Storage.

## Run the application

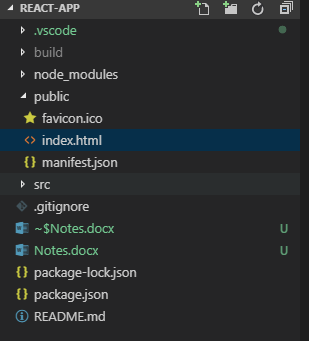
Finally, let's ensure that the application runs. From the terminal, start the application using the npm startcommand.

npm start

Now, open your browser and navigate to [http://localhost:3000](http://localhost:3000/), where you should see something like this:

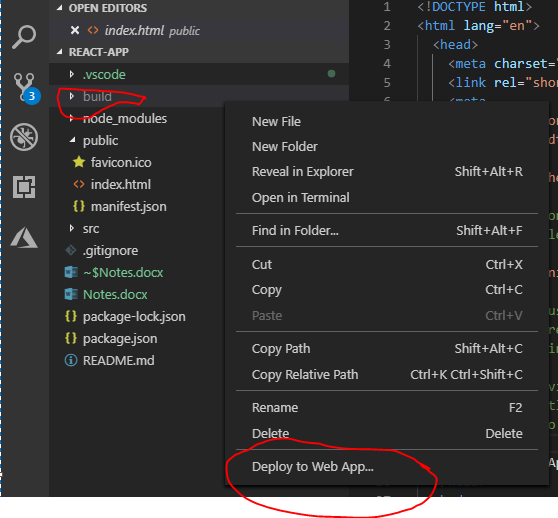


Here, I have made couple of Components for practice, and looks like this.



## Deploy your website

1. Open your application code in VS Code, right-click on your **build** directory, and choose **Deploy to Static Website...**.



## Browse your website[#](https://code.visualstudio.com/tutorials/static-website/deploy-website#_browse-your-website)

Visit the URL to see your app running on Azure.

