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oment with React 〉 Week 4 〉 Exercise (Instructions): Building and Deploying the Reac

Exercise (Instructions): Building and Deploying the React Application
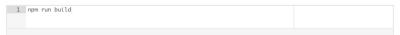
Objectives and Outcomes

In this exercise you will learn to use the react-scripts to build a distribution folder with the set of application files that can be copied to a server to deploy your React application. At the end of this exercise you will be able to:

- Deploy your application to a server by copying the built files to your server

Building the Distribution Folder

- To build the distribution folder containing your React application, type the following at the prompt:

```
1  npm run build
```

- This should build a distribution folder named *build* containing all your application files.

Deploying your React Application

- To deploy your React application you need a server. Fortunately we already have the json-server available on our computer.
- Copy the contents of the build folder to the public folder of your json-server
- Now your React application can be accessed at the link http://localhost:3001/.
- If you are setting up a server on the cloud or anywhere, all that you need to do is copy the contents of the build folder to the server side to deploy your React application. The exact procedure depends on the cloud service provider that you choose to use. Please consult their documentation to see the procedure to set up the server.

Conclusions

In this exercise you learnt to use the react-scripts to build and deploy your React application.

Mark as completed