

React Components Basics Lab (CodeGrade)



[\(https://github.com/learn-co-curriculum/react-hooks-components-basics-lab\)](https://github.com/learn-co-curriculum/react-hooks-components-basics-lab)



[\(https://github.com/learn-co-curriculum/react-hooks-components-basics-lab/issues/new\)](https://github.com/learn-co-curriculum/react-hooks-components-basics-lab/issues/new)

Learning Goals

- Write basic React components
- Return one React component from another component

Instructions

In the labs throughout this section, we'll be working on building a small portfolio site in React.

Our goal for the first lesson is to get the basic components for our app — the `<Navbar>` , `<Home>` , and `<About>` components — to be returned from the `<App>` component.

Once we're done, we should get something like this:

I'm a link!

Home

About

For this lab, we will be rendering a few children components in our top-most component: `App` . All of our work will be done in `src/components/App.js` . The rest of the files shouldn't need any changes.

To set up the app and run it in the browser, run:

```
$ npm install  
$ npm start
```

To start, work on getting the app to match the screenshot above. Then, open up a second terminal (open to the same directory), and run `npm test` to check your work.

Deliverables

- Two components, `<Navbar>` and `<Home>` , are already defined in the `App.js` file. Add both of these components as *child* components of `<App>` by including them in the return statement for the `App` function.
- Create a third component, `<About>` . The `<About>` component should also be a *child* component of `<App>` .
 - The `<About>` component should return a `<div>` with an id of `about` . To match the screenshot, the div should contain an `<h2>` element with the text "About." However, as long as it has an id of `about` , it will pass the test!

Hint: If you're stuck, try using the `screen.debug` method in the test file to see what DOM elements are being returned by your `<App>` component. If you still need help, this lab (and others) have a [solution branch ↗\(https://github.com/learn-co-curriculum/react-hooks-running-tests/tree/solution\)](https://github.com/learn-co-curriculum/react-hooks-running-tests/tree/solution) on GitHub where you can see one possible solution to this lesson.

Resources

- [React Components ↗\(https://reactjs.org/docs/components-and-props.html\)](https://reactjs.org/docs/components-and-props.html)

This tool needs to be loaded in a new browser window

Load React Components Basics Lab (CodeGrade) in a new window