**Creating and nesting components**

React apps are made out of *components*. A component is a piece of the UI (user interface) that has its own logic and appearance. A component can be as small as a button, or as large as an entire page.

React components are JavaScript functions that return markup:

function MyButton() {

return (

<button>I'm a button</button>

);

}

Now that you’ve declared MyButton, you can nest it into another component:

export default function MyApp() {

return (

<div>

<h1>Welcome to my app</h1>

<MyButton />

</div>

);

}

Notice that <MyButton /> starts with a capital letter. That’s how you know it’s a React component. React component names must always start with a capital letter, while HTML tags must be lowercase.

Have a look at the result:

function MyButton() {

return (

<button>

I'm a button

</button>

);

}

export default function MyApp() {

return (

<div>

<h1>Welcome to my app</h1>

<MyButton />

</div>

);

}

Show less

**Welcome to my app**

I'm a button

The export default keywords specify the main component in the file. If you’re not familiar with some piece of JavaScript syntax, [MDN](https://developer.mozilla.org/en-US/docs/web/javascript/reference/statements/export) and [javascript.info](https://javascript.info/import-export) have great references.