ES6 Arrow Functions

An introduction to Arrow Functions and their importance.

JavaScript ES6 introduced arrow functions expressions, which are shorter than a function expressions.

```
// function declaration
function () { ... }

// arrow function declaration
() => { ... }
```

You can remove the parentheses in an arrow function expression if it only has one argument, but you have to keep the parentheses if it gets multiple arguments:

```
// allowed
item => { ... }

// allowed
(item) => { ... }

// not allowed
item, key => { ... }

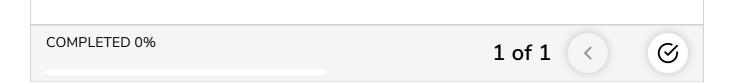
// allowed
(item, key) => { ... }
```

You can also write map functions more concisely with an ES6 arrow function:

You can remove the *block body*, the curly braces, with the ES6 arrow function. In a *concise body*, an implicit return is attached; thus, you can remove the return statement. This will happen often in this course, so be sure to understand the difference between a block body and a concise body when using arrow functions.

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What would the following code do?



Your JSX should look more concise and readable now, as it omits the function statement, the curly braces, and the return statement.

Further Reading:

• Read about ES6 arrow functions