

## ✓ Congratulations! You passed!

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Grade received **100%** Latest Submission Grade **100%** To pass 80% or higher

1. Why is React using the concept of components?

1 / 1 point

- ☐ It helps accessibility readers for people who are visually impaired.
- ☒ It allows you to build more modular apps.
- ☐ It improves the styling of your pages.
- ☐ It allows the browser to render your pages faster.

✓ Correct

Correct! Components make React apps a lot more modular.

2. What is the absolute minimum code that a component must have to be able to show something on a screen when rendered?

1 / 1 point

- ☐ A named function declaration and an array of items inside of the function's body.
- ☐ A named function declaration.
- ☐ A named function declaration and some variables in the function's body.
- ☒ A named function declaration and a return statement with at least a single element with some text inside of it.

✓ Correct

Correct! This is the absolute minimum of code a component must have to end up being rendered in the browser.

3. What are the benefits of using props?

1 / 1 point

- ☒ Props allow parent components to pass data to children components.
- ☐ Props allow children components to update the values of each prop independent from their parent component.
- ☐ Props allow developers to write custom HTML tags.

✓ Correct

That's correct! Props facilitate the passing of data from parents to children components.

4. You are tasked with building a web layout using React. The layout should have a header, a footer, and three products showing various data in the main part of the page. Choose the preferred component structure.

1 / 1 point

- ☐ It should all fit into a single component named App component.
- ☒ It should have the following components: Header, Main, Product, Footer (with the Product component being imported into Main and rendered three times).
- ☐ It should have a separate component for each link, paragraph, heading, etc.

✓ Correct

That's correct. Having such component structure would make all the building blocks of your React app at a correct amount of modularity.

5. Which of the following keywords can you usually find in a React component?

1 / 1 point

- ☐ function, props, export, import, contain
- ☐ modular, expression, prop, default
- ☒ function, props, return, export, default
- ☐ module, function, prop, exported, default

✓ Correct

That's correct! These are all valid keywords, and they are commonly found in most React components.

6. What is create-react-app?

1 / 1 point

- ☒ It's an npm package used to build a boilerplate React app.
- ☐ It's a command you run when you want to serve your app in the browser.
- ☐ It's a stand-alone application on the web.
- ☐ It's a command you can use in a component.

✓ **Correct**

That's correct! The create-react-app is a npm package that you can use to build a boilerplate React app.

7. Imagine you want to build a brand new React app, named "example". Choose the correct command to build a starter React app to work off of.

1 / 1 point

- ☒ npm init react-app example
- ☐ npm initialize react-app example
- ☐ node init react-app example
- ☐ npm install react-app example

✓ **Correct**

Correct! Using this command, you'll build a brand-new boilerplate React app, named "example".

8. True or false? When you write arrow functions, for any number of parameters other than a single parameter, using parentheses around parameters is compulsory.

1 / 1 point

- ☒ True.
- ☐ False

✓ **Correct**

Correct! When you write arrow functions, for any number of parameters other than a single parameter, using parentheses around parameters is compulsory.

9. True or false? You can use function calls in JSX.

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**

Correct! You can use function calls in JSX.

10. True or false? When an arrow function has a single parameter, you do not need to add parentheses around the item parameter (to the left of the arrow).

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**

Correct. When an arrow function has a single parameter, you do not need to add parentheses around the item parameter (to the left of the arrow).