

**True or false? React enables developers to build SPAs (single page applications).**

True, a technology that loads a single web page and performs updates to the DOM on this single web page based on user interaction with this web page is known as a SPA. Indeed, React allows developers to build SPAs.

**A React component is much like a regular JavaScript function.**

True, a React component is indeed much like a regular JavaScript function.

**True or false? For a component to render something on the page, it needs to return one or more JSX elements.**

True, for a component to render something on the page, it needs to return it as one or more JSX elements.

**As a new developer, what's the part of the create-react-app-generated starter app structure that you should focus on?**

The 'src' folder is the folder in which you'll be developing almost all the functionality of your React app.

**Imagine that you have an App component and a Footer component in the same location, at the root of the src folder. Choose the proper way to import the Footer component into the App component.**

```
import Footer from "./Footer";
```

This is a proper way to import the Footer component in this situation.

**In React, functional components are reusable blocks of code that act like a JavaScript function and you can pass data from one component to another using props. Which of the following statements are true? Select all that apply.**

- Props are passed using JSX syntax.
  - It's helpful to think of props as arguments that components can accept and are passed using JSX.
- Props are like a JavaScript object in that they can accept many data types including strings, integers, functions, arrays and objects.
- When two components communicate with each other, the component sending the props data is known as the parent and the one receiving the data is known as the child.
  - Data flow is one-directional which means that a parent component can send the same data to one or more child components, but it's not possible to communicate from the child components back to the parent component using props.

**Which of the following can be defined as a parameter within a functional component?**

Props object

**True or false. You need to define how React should render a component. Can you use a regular JavaScript function to complete this action?**

True, you can define how React renders a component using a regular JavaScript function.

**True or false? Using React, you can easily convert a CSS rule to a JavaScript object, where each key-value pair describes a CSS declaration.**

True

**You would like to use JSX to display a user's location on a webpage, and you have defined the following JavaScript variable:**

```
const location = Boston;
```

**Which of the following lines of code uses the correct syntax for embedding this variable in an HTML paragraph element?**

```
const result = <p>{location}</p>;
```

The JavaScript variable should be placed between the paragraph tags and enclosed in curly braces.

**True or false? When using an img element in your React component, you can set the value of the src attribute using a JSX expression.**

True