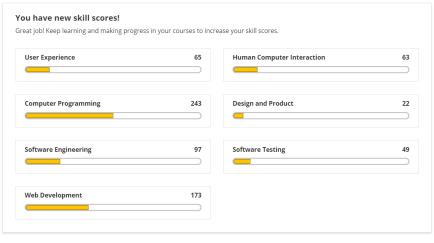


## Congratulations! You passed!

Grade received 100%

Latest Submission Grade 100% To pass 70% or higher

Go to next item



What is a State?     An object that contains information about the component     A parent component function that takes a string argument	1/1 point
<ul> <li>○ A piece of software that passes data between React components</li> <li>○ A component's render function that returns data about an attribute</li> <li>○ Correct         Correct. The state is a built-in React object that is used to contain data or information about the component.     </li> </ul>	
2. What is used to pass data between React components?  OHTML attribute Shared state Prop Local state	1/1point
<ul> <li>Correct         Correct. Props, short for 'properties', are used to pass data between React components. Props are read-only because React's data flow between components is uni-directional, from parent to child only.     </li> <li>What do you use to pass data from child components to parent components?</li> <li>Method</li> <li>State</li> <li>Render</li> <li>Callback</li> </ul>	1/1point
<ul> <li>Correct         Correct. You can pass data from child React components to parent React components using callbacks.     </li> <li>4. When does a component lifecycle start?</li> <li>When the component is removed from the DOM</li> <li>When the state of the component first changes</li> </ul>	1/1 point
<ul> <li>○ When a user clicks the mouse or presses the keyboard</li> <li>○ When components are created or mounted on the DOM</li> <li>○ Correct         Correct Correct. A component lifecycle starts when components are created or mounted on the DOM. Once mounted, they grow by updating and end by being unmounted from the DOM.     </li> </ul>	

 $\textbf{5.} \quad \text{What do you use to pass data from parent components to child components?}$ 

1 / 1 point

	Callback State Method Prop	
	○ Correct Correct. Using props, you can pass data from parent React components to child React components.	
6.	Which function is invoked right after the component is mounted on the DOM?  Render  componentDidMount  componentWillUnmount  componentWillMount	1/1 point
	Correct. The componentDidMount() function is invoked right after the component is mounted on the DOM or, in other words, after the render() function is executed for the first time.	
7.	What do you use to make a call to an external server asynchronous?  Method Props State Promises  Correct	1/1 point
8	Correct. Most requests to external servers are blocking. To make the call asynchronous, you can use promises.  What does the postDataToServer method do?	1 / 1 point
	Sets a component with a user state to "None Logged In"  Requests all objects in the usercollection destination  Sends the data to the server and updates the response from the server to the component's state completionStatus  Creates a JSON object and pushes it into the usercollection array  Correct  Correct. The postDataToServer method sends the data to the server and updates the response from the	2,2000
9.	what are the phases of a component test?  Begin, Revise, Complete Arrange, Act, and Assert Query, Run, Resolve Chai, Sinon, and Mocha	1/1 point
10	Correct     Feedback. Correct. Component tests flow through three phases: Arrange, Act, and Assert.  . What are the two testing approaches?	1/1point
10	Component and end-to-end     Regression and event     Mocha and Chai     Simulated and authenticated      Correct     Correct. You can render component trees in a simple test environment and assert their output, or you can	1/1 point
	run a complete application in a realistic browser environment that integrates all tests into one big end-to- end test.	