

Grade received 90%	Latest Submission Grade 90%	To pass 80% or higher	to next item
You increased your sk	rill scores!		
	ntermediate te level, you have a solid understanding to pass intermediate content. You can	Web Development Your score: 206 (↑10) Well done! At an intermediate level, you have a solic of the material and are able to pass intermediate co apply key concepts on most tasks.	dunderstanding
When using a key for you	our list items, what's the best general c	hoice?	1/1 poir
O Using an ID genera	ted by a library that guarantees no dup	olications.	2,2,2
Using an ID comingUsing an index.	from the data, that points to the data	base ID.	
✓ Correct That's correct, th	at's the preferred option.		
2. Imagine you have a spe	cification for rendering the following l	ist item:	0 / 1 poin
	00 cal , where the name and the desired would correctly render the desired	the number of calories are coming as dynamic data. output:	
<pre>< cream</pre>	- 200 {item.cal}}		
<pre></pre> 1i>{item.name	e} - {item.cal} cal		
✓ Correct That's correct, th	at would render the desired output us	ing JSX syntax.	
<pre><\i\) \(\frac{1}{2}\) \(\frac{1}{</pre>	name} - \${item.cal} cal`} 1</td <td>i></td> <td></td>	i>	
You didn't select all t	he correct answers		
		dded to the list. From the point of view of the React w element added? Select all that apply	1 / 1 poin
O The new element a	dded at the beginning.		
The new element a The new element a	dded in the 2nd position, in between t	the existing list items.	
Correct	aded at the end.		
~	at's the most optimal path.		
4. What are controlled con	nponents?		1/1 poir
	ts whose internal state is controlled by	the DOM.	_/
	ts whose internal state is controlled by		
	ts whose value is determined by React	refs.	
✓ Correct That's correct, sta	ate is delegated from the DOM to React	t local state.	
5. What are the features y	ou can still achieve with uncontrolled	components? Select all that apply	1 / 1 poin

One time value retrieval on submit using a React ref.

Correct That's correct, the ref allows you to access the internal state held by the DOM.	
✓ Validation on submit.	
Correct That's correct, in the submit handler function you can use refs to access all the input values and per any custom client validation.	rform
Conditionally disabling the submit button.	
6. When creating an API for context consumers via useContext, what's the argument you have to provide useContext call?	to the 1/1 point
O The Context. Provider component.	
The Context object obtained via the createContext call.	
The React state that defines the global state to be injected.	
Correct That's correct, you always have to pass a context object as argument to the useContext hook.	
7. Imagine the below component structure, where all components ComponentA, ComponentB and Composimple presentational components that hold no props or state:	nentC are 1/1 point
<pre>1 const App = () => { 2 return(3</pre>	
<pre>const ComponentA = React.memo(() => <componentb></componentb>); const ComponentB = () => <componentc></componentc>; const ComponentC = () => null;</pre>	
If the App component re-rendered for whatever reason, what would be the sequence of component re-rentat would take place?	nders
O App -> ComponentA -> ComponentB -> ComponentC.	
App -> ComponentB -> ComponentC	
App	
Correct That's correct, since ComponentA is wrapped with React.memo, it will prevent unnecessary updat within itself and down the tree, so only the App component would update.	es
8. Even though props and state are inherently different, what are areas where they overlap? Select all that a	pply. 1/1 point
✓ Both props and state are plain JS objects.	
Correct That's correct, they are both plain JS objects.	
✓ Both props and state changes trigger a render update.	
○ Correct That's correct, as soon as one or the other update, it will trigger a re-render.	
Both props and state are deterministic, meaning that your component always generates the same out for the same combination of props and state.	tput
○ Correct That's correct, React components are pure functions when it comes to their rendering output.	
9. When defining a JavaScript object as a piece of local React state that will be injected as context, what is the specific React hook that allows you to keep the same object reference in memory and prevent unnecessarenders if the object itself hasn't changed any values?	
O useCallback	
(e) useMemo	
O useRef	
Correct That's correct, useMemo keeps in memory the previous object reference and if no changes occur in object values it will reuse the same reference on subsequent undates	the

10. What are some possible examples of application features that are well suited to be defined as React context? Select all that apply
The application theme.
✓ Locale preferences.
The current authenticated user.
○ Correct That's correct, authenticated user is one example of global application state.
☐ The value of a text input.

1/1 point