

Started on	Thursday, 16 September 2021, 4:52 PM
State	Finished
Completed on	Thursday, 16 September 2021, 4:58 PM
Time taken	6 mins 11 secs
Grade	3.00 out of 6.00 (50%)

Question 1

Partially correct

Mark 1.00 out of 2.00

Match the utilities from Redux and React-Redux to their purpose.

createStore()

Subscribe components to the Redux store.



<Provider>

Makes the Redux store available to nested components that are wrapped in the connect() function.



mapStateToProps()

Selects the part of the state that a component needs from the Redux store and pass it to the component as props.



connect()

Create the Redux store as the repository for application state.



Your answer is partially correct.

You have correctly selected 2.

The correct answer is: createStore() → Create the Redux store as the repository for application state., <Provider> → Makes the Redux store available to nested components that are wrapped in the connect() function., mapStateToProps() → Selects the part of the state that a component needs from the Redux store and pass it to the component as props., connect() → Subscribe components to the Redux store.

Question 2

Incorrect

Mark 0.00 out of 1.00

Given the following code:

```
const today = "Friday";  
const matinee = true;
```

What is the value of ticketPrice after this ternary operation?:

```
const ticketPrice = (today === "Friday") && (!matinee) ? 10 : 7;
```

Select one:

- ☐ a. NaN
- ☒ b. 10
- ☐ c. 7

✘ Incorrect. It must be both Friday and not a matinee for the ticket price to be set to 10.

Your answer is incorrect.

The correct answer is: 7

Question 3

Incorrect

Mark 0.00 out of 1.00

When you bind a method in a class component using **bind()**, where in the class component should this binding occur?

Select one:

- ☐ a. in the render method
- ☐ b. in the return statement
- ☐ c. in the constructor method
- ☐ d. in the export statement
- ☒ e. in the method definition of the method to be bound

✗ Incorrect.

Your answer is incorrect.

The correct answer is: in the constructor method

Question 4

Correct

Mark 1.00 out of 1.00

Which of these are NOT a principle of Redux? (More than one answer.)

Select one or more:

☐ a. State is read-only.

☒ b. Separation of concerns.

✓ Correct. While Redux does separate concerns, this is not one of its three core principles.

☐ c. Single source of truth.

☒ d. Unidirectional data flow.

✓ Correct. This is one of the principles of the Flow architecture, which Redux is influenced by. While it is not technically one of the core principles of Redux, Redux *does* have unidirectional data flow.

☐ e. Changes are made with pure functions.

Your answer is correct.

The correct answers are: Unidirectional data flow. , Separation of concerns.

Question 5

Correct

Mark 1.00 out of 1.00

What is the value of **iceCream2** after the following code has executed?

```
const iceCream1 = {  
  flavor: "mint chocolate",  
  scoops: 2  
};  
  
const iceCream2 = {...iceCream1, flavor: "pistachio"};
```

Select one:

- ☐ a. {flavor: "pistachio"}
- ☒ b. {flavor: "pistachio", scoops: 2}
- ☐ c. {{iceCream1}, flavor: "pistachio"}
- ☐ d. {flavor: "mint chocolate", scoops: 2}

✓ Correct! The flavor property would have been updated.

Your answer is correct.

The correct answer is: {flavor: "pistachio", scoops: 2}

