

This application should allow the user to update their username by inputting a custom value and clicking the button.

The *Username* component is finished and should not be changed, but the *App* component is missing parts. Finish the *App* component so that the *Username* component displays the inputted text when the button is clicked.

The App component should use the React.useRef Hook to pass the input to the Username component for the Input element and for the Username component.

For example, if the user inputs a new username of "John Doe" and clicks the button, *App*'s div element should look like this:

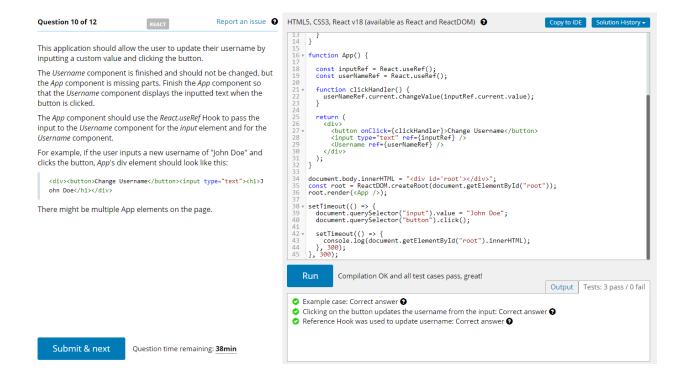
</div><button>Change Username</button><input type="text"><h1>J
ohn Doe</h1></div>

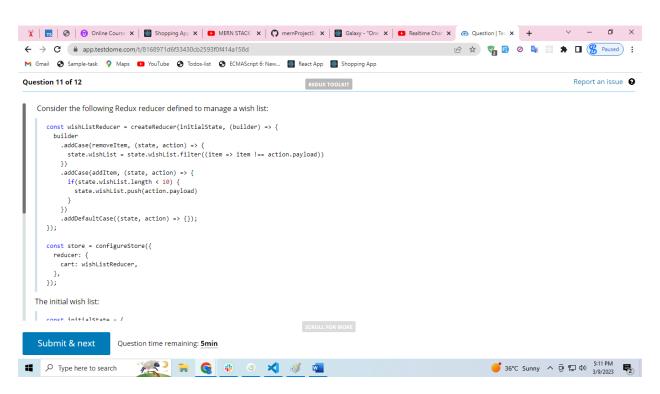
There might be multiple App elements on the page.

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Question time remaining:  $\underline{\textbf{38min}}$ 





Question 11 of 12 REDUX TOOLKIT Report an issue 😯

```
reducer: {
      cart: wishListReducer,
     },
   });
The initial wish list:
   const initialState = {
    wishList: [
"Toy Car",
       "Football"
     1.
   };
Considering the initalState and wishListReducer defined above, what is true about wishListReducer?
(Select all acceptable answers.)
▼ The addItem action will have no effect on the state if there are more than 11 items in wishList in the initialState.
☑ The addItem action will add an item to the state when the payload has a value that already exists in the state.

☑ removeItem reducer will be invoked when the removeItem action is dispatched and the payload is undefined.

☑ The default case will be invoked when the state is empty and removeItem action is dispatched.
\ \square The default case will be invoked after every invocation of addItem or removeItem reducer, regardless of any changes to the state.
```

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Report an issue

A web application for a meteorologist's dashboard uses a Redux store to manage temperature data. The Redux store is configured with the Redux toolkit where the latest temperature data is fetched using the Redux thunk function.

Below is the code for the store's configuration:

```
const weatherURL = "http://example.com/temperaturejson";
const fetchTemperature = createAsvncThunk(
  "weather/fetchTemperature",
  async (arg, thunkAPI) => {
  const response = await fetch(weatherURL);
    return response.json();
);
const temperatureSlice = createSlice({
  name: "temperature",
  initialState: { temperature: 0 },
  reducers: {},
extraReducers: (builder) => {
  builder.addCase(fetchTemperature.fulfilled, (state, action) => {
       state.temperature = action.payload.temperature;
    builder.addCase(fetchTemperature.pending, (state, action) => {
      state.temperature = "loading";
    builder.addCase(fetchTemperature.rejected, (state, action) => {
      console.log(action);
state.temperature = "unavailable";
    });
```

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Question time remaining: 10min

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```
initialState: { temperature: 0 },
  reducers: {},
  extraReducers: (builder) => {
    builder.addCase(fetchTemperature.fulfilled, (state, action) => {
        state.temperature = action.payload.temperature;
    });
  builder.addCase(fetchTemperature.pending, (state, action) => {
        state.temperature = "loading";
    });
  builder.addCase(fetchTemperature.rejected, (state, action) => {
        console.log(action);
        state.temperature = "unavailable";
    });
  },
});
const weatherStore = configureStore({ reducer: temperatureSlice.reducer });
```

What is true about the behavior of weatherStore?

(Select all acceptable answers.)

- ☑ A request will be made to weatherURL every time dispatch(fetchTemperature()) is called.
- ☑ state.temperature will be set as "unavailable" when dispatch(fetchTemperature()) is called and fetch(weatherURL) throws an error.
- ☐ The fetchTemperature.fulfilled case will be invoked only when the response from weatherURL has a different temperature than the current state.
- ☐ The JSON response from weatherURL must have the same schema as the state object for the fetchTemperature.fulfilled case to be invoked.

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