Quiz Questions

Module 7 | Lesson 7.8 – The useReducer Hook

1. What is React's `useReducer` Hook?

A: It is a hook that returns a mutable `ref` object that will persist through the life of a component.
B: It is an alternative to `useState` that accepts a reducer function and returns an array containing the current state and a `dispatch` method that can be used to trigger state changes.
C: Is is a hook that has an identical signature to the `useEffect` hook but where the effect gets fired synchronously after all DOM mutations have taken place.
D: It allows function components to keep track of state by returning a stateful value and a function that can update the state value.

2. The `useReducer` Hook is preferable to the `useState` hook for complex state objects due to the decoupling of updates that happen to state from the actions themselves.

A: True
B: False

3. What is the third optional argument of the `useReducer` Hook function?

A: A `reducer()` function that receives the current state and an action, and returns the new state.
B: The initial state value.
C: An initialization function responsible in initializing the state.
D: The `useReducer` Hook only takes two arguments.