**React 22 paskaitos užduotis**

* Create a new React application using create-react-app or your preferred setup.
* Set up a project structure with the following components:
  + App (main component)
  + TodoList (displays the list of tasks)
  + AddTodo (allows adding new tasks)
  + TodoItem (represents an ind

1. **Context Creation:**
   * Create a TodoContext using createContext to manage the state related to the to-do list.
2. **State Management:**
   * In the TodoContext, define the initial state for the to-do list (an array of tasks).
3. **Component Integration:**
   * Wrap your App component with the TodoContextProvider to provide the state to all components within the application.
4. **TodoList Component:**
   * Use the useContext hook in the TodoList component to access the to-do list state from the TodoContext.
   * Display the list of tasks, including their status (completed or not).
   * Implement a function to toggle the completion status of a task.
5. **AddTodo Component:**
   * Use the useContext hook in the AddTodo component to access and change the to-do list state.
   * Implement a form that allows users to input a new task and add it to the to-do list.
6. **TodoItem Component:**
   * Create the TodoItem component, which represents an individual task.
   * Display the task text and a checkbox to indicate its completion status.