

## Task 1: Conditional Rendering – “Login Dashboard”

Goal: Show different UI based on user login status.

Requirements:

- Create a component called Dashboard.
  - If isLoggedIn is true, display: "Welcome, [username]!".
  - If not logged in, show a Login button and a message: "Please log in."
  - Clicking the button should toggle the login status.
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## Task 2: Rendering Lists – “Todo App”

Goal: Render a dynamic list of tasks.

Requirements:

- Create a component TodoList.
- Use a sample array like:

```
const todos = [  
  
  { id: 1, task: 'Buy milk' },  
  
  { id: 2, task: 'Walk the dog' },  
  
  { id: 3, task: 'Read a book' }  
  
];
```

- Render each task using `.map()`.
- Each item should be displayed in a `<li>` with a unique key.



Bonus:

- Add a button next to each task to mark it as completed (conditionally render a line-through).

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### Task 3: Students List with Grades

Requirements:

- StudentCard component:
  - Accepts props: name, grade, isPassed.
  - If isPassed is true, render “ Passed” else “ Failed”.
- StudentList component:
  - Receives an array of student objects and renders a list of StudentCards.

Sample data:

```
const students = [  
  
  { id: 1, name: 'Alice', grade: 85, isPassed: true },  
  
  { id: 2, name: 'Bob', grade: 45, isPassed: false },  
  
  { id: 3, name: 'Charlie', grade: 78, isPassed: true },  
  
];
```

