⚛ Set 4 : useState Hook & CSS Styling

🎯 Section A – `useState`

1. Click Counter: A button increases count on each click and displays the number.

2. Toggle Text: Button toggles between showing "Hello World" and hiding it.

3. Like / Unlike Button: On click, toggle between "👍 Liked" and "👎 Like".

4. Change Heading Text: Show a heading. On button click, change it to something new.

5. Dark Mode Toggle: Add a button to toggle dark and light mode. Use conditional class names.

6. Disable Button After Click: Once the button is clicked, disable it and change its label to "Submitted".

7. Show/Hide Image: Add a button to toggle the visibility of an image.

8. Multiple Independent Counters: Display 3 buttons with their own individual click counts.

9. Change Background on Click: A box changes its background color when clicked (toggle between 2 colors).

10. Even / Odd Checker: Show a number that increments on click and displays "Even" or "Odd".

✅ Important Tip: Always wrap conditional rendering logic like this:

```
{isVisible && <p>Hello</p>}
```

🎨 Section B – CSS `hover`, styling + conditional classes

1. Hover Highlight Card: Create a card that changes background color when hovered.

2. Hover Button Glow: Make a button glow (change box-shadow) when hovered.

3. Conditional Class: Use `useState` to toggle a class (`"active"` / `""`) on button click, changing background color.

4. Hover Show Info: On hovering over a user profile box, show a tooltip below it.

5. Button Group with Active State: Show 4 buttons (like tabs). Only clicked one stays highlighted.

6. Show Password: Input with `type="password"` and a toggle button to show/hide the text using `useState`.

7. Simple Tabs: Create 3 buttons – "Home", "About", "Contact". On click, display the respective content.

8. Change Text Color on Hover: Paragraph turns blue when hovered. Use only CSS, no JS.

9. Responsive Box with Click Resize: Clicking a box toggles it between small and large width/height.

10. Profile Card Toggle View: On button click, switch between short view and full view of a user's profile (with conditional JSX).