React Mini Tasks – State, Events, Two-way Binding, Conditional Rendering

1■■ useState – Mini Tasks

#	Task	Description
1	Counter App	Create a counter with + and - buttons using useState.
2	Toggle Text	Toggle between 'Hello' and 'Goodbye' when a button is clicked.
3	Theme Switcher	Store a theme ('light'/'dark') in state and toggle it.
4	Like Button	Add a 'Like ■' button that increases count each time clicked.
5	Random Number	Display a random number and regenerate on button click.
6	Show Current Time	Show current time in state and update every second.

2■■ Event Handling – Mini Tasks

#	Task	Description
1	Button Click Alert	Show an alert saying 'Button clicked!' when clicked.
2	Double Click Message	Handle onDoubleClick to show a message in console.
3	Mouse Enter/Leave	Change text color when mouse enters or leaves a div.
4	Key Press Detector	Display which key was pressed inside an input box.
5	Hover Counter	Count how many times a button is hovered over.
6	Copy Event	Show an alert when a user copies text from a paragraph.

3■■ Two-Way Binding – Mini Tasks

#	Task	Description
1	Name Input	Display 'Hello, [name]' as the user types.
2	Email Form	Bind email input and show live preview below it.
3	Live Textarea Preview	Show live preview of what user types in textarea.
4	Password Visibility	Show/hide password using checkbox.
5	Select Dropdown	Bind dropdown and show selected value dynamically.
6	Multi Input Form	Form with name, age, city — display all live.

4■■ Conditional Rendering – Mini Tasks

#	Task	Description
1	Login/Logout UI	Toggle between 'Login' and 'Logout' screens.

2	Show/Hide Message	Button toggles visibility of paragraph.
3	Even/Odd Checker	Show 'Even' or 'Odd' based on entered number.
4	Greeting Based on Time	Show greeting based on current time.
5	Cart Empty Message	Show 'Cart is empty' if no items, else show list.
6	Loader Spinner	Display 'Loading…' while fetching data.