Task: JavaScript Event Handlers Demonstration

Objective:

Create a **single web page** that demonstrates the usage of **all JavaScript event handlers** with interactive UI elements.

Requirements:

1. **HTML Structure:**
   o A `div` for displaying event logs.
   o Buttons, input fields, checkboxes, a form, an image, and a list for different event types.
2. **JavaScript Event Handling:**
   Implement event handlers for the following categories:
   o **Mouse Events:** `click`, `dblclick`, `mouseover`, `mouseout`, `mouseenter`, `mouseleave`, `mousemove`, `contextmenu`
   o **Keyboard Events:** `keydown`, `keyup`, `keypress`
   o **Form Events:** `focus`, `blur`, `change`, `input`, `submit`
   o **Window Events:** `load`, `resize`, `scroll`
   o **Clipboard Events:** `copy`, `cut`, `paste`
   o **Drag Events:** `drag`, `dragstart`, `dragover`, `drop`
   o **Touch Events (for mobile):** `touchstart`, `touchmove`, `touchend`
   o **Media Events:** `play`, `pause`, `ended`
3. **Logging:**
   o Whenever an event occurs, **log it to the UI** dynamically.
4. **Bonus:**
   o Add styles to highlight elements when an event occurs.
   o Provide a **toggle button** to enable/disable event listeners dynamically.

Deliverables:

- A **GitHub repository** with:
  o `index.html`
  o `style.css`
  o `script.js`
- A **deployed live version** (GitHub Pages)

Extra Challenge:

- Implement a **dark mode toggle** using event listeners.
- Add a **reset button** to clear the event logs.