Task 1: Toggle Hide/Show Button

- Create a `<div>` with some text inside it.
- Add a **button** that toggles the visibility of the `<div>` when clicked.
- Use jQuery's `.toggle()` method to switch between **hide and show** states.

Task 2: jQuery Image Slider (Basic)

- Display **three images** on a webpage (stacked vertically).
- Add **"Next"** and **"Previous"** buttons.
- Clicking **Next** should show the next image and hide the current one.
- Clicking **Previous** should show the previous image.
- Use **jQuery's `.fadeIn()` and `.fadeOut()`** for smooth transitions.

Task 3: jQuery Form Validation

- Create a **form** with:
    - Name (text input)
    - Email (text input)
    - Password (password input)
    - Submit button
- When the form is submitted:
    - Check if fields are **empty**; if yes, display an alert using `.val()` and `.text()`.
    - Ensure the email contains `@` and `.`
    - If all fields are valid, display a success message.

Task 4: Animate an Element

- Create a **square div** (`100px x 100px`) with a background color.
- Add a **button** labeled **"Move"**.
- When clicked, the **div should slide 200px to the right** using jQuery's `.animate()` method.

Task 5: Background Image Changer

- Add three **buttons** labeled **"Nature"**, **"City"**, **"Ocean"**.
- Clicking each button should **change the background image** of the webpage.
- Use jQuery's `.css()` method to switch images dynamically.

Task 6: Password Show/Hide Toggle

- Create a **password input field** and a checkbox labeled **"Show Password"**.
- When the checkbox is checked, change the password field type from `password` to `text`.
- Use `.prop("type", "text")` to implement this feature.