■ Assignment: Responsive Photo Gallery with HTML & CSS

Objective

Design and implement a responsive photo gallery using only HTML & CSS.

Detailed Requirements

- Gallery Structure: Create a gallery with at least 9 images. Use CSS Grid or Flexbox to align them in rows and columns. Each image should be inside a card with rounded corners.
- Image Styling: Add box-shadow for a card effect. Apply hover effects (slight zoom-in and dark overlay with text like 'View Image').
- Responsive Layout: Desktop (≥992px) → 3 columns. Tablet (768px–991px) → 2 columns. Mobile (<768px) → 1 column.
- Styling Requirements: Use a consistent color scheme (light background, dark overlay). Smooth CSS transition animations for hover. Use Google Fonts for captions or overlay text.
- Extra Challenge (Optional): Add a CSS-only modal for larger image preview. Add a caption below each image (e.g., 'Nature 01').

Deliverables

- An index.html file (HTML structure).
- A style.css file (all styles, no inline CSS).