**Simple Image Gallery Task Report**

* **Purpose**

The purpose of this project is to create a simple, responsive web-based image gallery that allows users to view a collection of images and navigate through them.

**Features**

* **Image Display:** Displays a collection of images in a gallery format.
* **Navigation:** Includes previous and next buttons to navigate through the images.
* **Responsive Design:** Adjusts layout and size based on the screen size for an optimal viewing experience.
* **Design**

**User Interface**

**The user interface of the image gallery consists of:**

* A container that holds the gallery.
* An image display area where images are shown.
* Navigation buttons (previous and next) to move through the images.

**Layout**

The layout is designed using HTML and styled with CSS. The images are placed in a horizontal line and the navigation buttons are positioned on the left and right sides of the container.

**Styling**

**The CSS styles include:**

* A clean and modern look with a border and shadow for the gallery container.
* Smooth transitions when navigating between images.
* Positioned navigation buttons with semi-transparent backgrounds.

**Implementation**

**HTML**

The HTML file (index.html) defines the structure of the image gallery. It includes a container for the gallery, images, and navigation buttons.

**CSS**

The CSS file (styles.css) provides the styling for the image gallery. It ensures that the gallery is visually appealing and user-friendly.

**JavaScript**

The JavaScript file (script.js) contains the logic for the gallery's functionality. It handles image navigation by updating the display based on user input.

**Functionality**

1. **Image Display:** The gallery displays images in a horizontal line. Only one image is visible at a time.
2. **Navigation:** Users can click the previous (<) and next (>) buttons to navigate through the images.
3. **Responsive Design**: The gallery adjusts to fit the screen size, providing an optimal viewing experience on different devices.

**Conclusion**

This simple image gallery task demonstrates the basics of web development using HTML, CSS, and JavaScript. It provides a functional and visually appealing gallery that supports image navigation, making it an excellent practice task for beginners.