Project Title	Virtual Art Gallery
Technologies	HTML, CSS, JavaScript
Project Difficulties level	Hard

Project Description: In this project, your task is to create a virtual art gallery website that allows users to explore and interact with artworks in a virtual environment. This project will combine your skills in HTML, CSS, and JavaScript to provide an immersive art experience.

Project Objectives:

- Develop a web-based virtual art gallery with interactive 3D-like navigation.

- Utilize HTML for content structure and 2D layout.

- Apply CSS for styling and creating a visually appealing gallery.

- Use JavaScript for interactivity and navigation.

Project Requirements:

Artworks:

- Choose a theme for your art gallery (e.g., modern art, classical paintings, photography).

- Collect or create a collection of artworks (images) related to your chosen theme.

HTML Structure:

- Structure your gallery using HTML to display the artworks.

- Use HTML to create navigation buttons or controls for users to explore the gallery.

CSS Styling:

- Apply CSS to style your virtual art gallery, making it visually appealing and theme-appropriate.

- Use CSS to create transitions and animations for a dynamic user experience.

- Ensure that the design is responsive and works well on different devices.

JavaScript Interactivity:

- Implement JavaScript to enable users to navigate through the virtual gallery.

- Use JavaScript for features like zooming in on artworks, information pop-ups, and background music if desired.

- Ensure that users can smoothly move between artworks and explore the gallery.

User Experience:

- Focus on providing a user-friendly experience with clear instructions and intuitive navigation.

- Make sure users can easily switch between artworks, view details, and enjoy an immersive art gallery experience.

Project Deliverables:

- The virtual art gallery website with HTML, CSS, and JavaScript components.
- A PDF document describing the project's concept and your approach.
- A presentation or demo of your virtual art gallery to the class.

Project Guidelines:

- Be creative in your choice of artwork and design elements.

- Ensure that your gallery is accessible and user-friendly.

- Properly comment your code for clarity and understanding.

- Submit your project as a zip file containing all project files, including HTML, CSS, JavaScript, and image assets.

Project Evaluation: Your project will be assessed based on the following criteria:

- Creativity in theme and artwork selection.

- HTML, CSS, and JavaScript implementation.

- User experience and design of the virtual art gallery.

- Presentation and demonstration of your project.