

Project 2: Pairs Olympic Games Single Page Website

Objective: Create a single-page website using HTML, CSS, and JavaScript to showcase information about the Pairs Olympic Games, including medal rankings, sports schedules, and current news updates.

Requirements:

1. HTML Structure:

- **Basic Structure:** Create an `index.html` file with appropriate HTML5 structure.
- **Header Section:** Include a header with the title "Pairs Olympic Games" and possibly a logo or introductory image related to the games.
- **Navigation Menu:** Implement a navigation menu with links to different sections of the page (e.g., Home, Medal Rankings, Sports, News).
- **Main Content Sections:**
 - **Medal Rankings:** Display the top 10 countries with their respective medal counts (gold, silver, bronze).
 - **Sports List:** Provide a list of at least 5 sports featured in the Pairs Olympic Games, clickable to view their schedules.
 - **News Section:** Include a section for displaying hot news updates related to the games.

2. CSS Styling:

- **External Stylesheet:** Create a `styles.css` file and link it to `index.html`.
- **Design and Layout:** Design a visually appealing layout using CSS:
 - Ensure consistent styling across all sections (medal rankings, sports list, news).
 - Use appropriate fonts, colors, and spacing to enhance readability and user experience.
 - Implement responsive design principles to ensure the website looks good on different screen sizes.

3. JavaScript Functionality:

- **External JavaScript File:** Create a `script.js` file and link it to `index.html`.
- **Interactive Features:** Enhance user interaction with JavaScript:
 - Implement functionality to fetch and display real-time medal rankings (you can use mock data or APIs like Olympic data APIs if available).
 - Enable clickable sports links to display schedules (you can simulate this with sample data or static content).
 - Display hot news updates dynamically (you can simulate this with sample news content).

4. **Content:**

- **Medal Rankings:** Populate this section with static or mock data showing the top 10 countries and their medal counts.
- **Sports List:** Include at least 5 sports with links or buttons leading to schedules (static or mock schedules can be used).
- **News Section:** Display at least 2-3 current news headlines related to the Paris Olympic Games (use placeholder text or static content).

5. **Additional Considerations:**

- **Validation:** Validate HTML and CSS to ensure clean and error-free code.
- **Testing:** Test the website across different browsers (Chrome, Firefox, Safari) and devices (desktop, tablet, mobile) to ensure compatibility.
- **Documentation:** Include a brief README.md file in the project repository describing the project overview, technologies used, and any special instructions for running or viewing the website.

6. **Submission:**

- Submit the project as a GitHub repository link .

Evaluation Criteria:

- Adherence to HTML, CSS, and JavaScript best practices.
- Visual design and layout quality.
- Functionality and interactivity of implemented features (medal rankings, sports schedules, news updates).
- Completeness and accuracy of content related to the Paris Olympic Games.

Note:

- Encourage creativity in design while meeting the assignment requirements.
- Students can use placeholder data or mock content where real-time data or APIs are not available.
- Ensure all work is original and properly attributed if using external resources or libraries.