Internet Technology

Assignment 01

Website Development Using HTML and CSS

Objective:

Create a responsive website using HTML and CSS that matches the provided design screenshots.

Instructions:

1. **Design Analysis:**

   - Review the provided design screenshots thoroughly.
   - Identify the key components of the design, including layout, colors, typography, and images.

2. **Setup:**

   - Create a new project folder named YourName_WebsiteAssignment.
   - Inside the folder, create the following structure:

     ```
     Copy code
     YourName_WebsiteAssignment/
     ├── index.html
     ├── styles/
     │   └── style.css
     └── images/
     ```

3. **HTML Development:**

   - In index.html, create the basic structure of the HTML document.
   - Implement the layout using appropriate HTML tags (e.g., <header>, <nav>, <main>, <footer>, etc.).
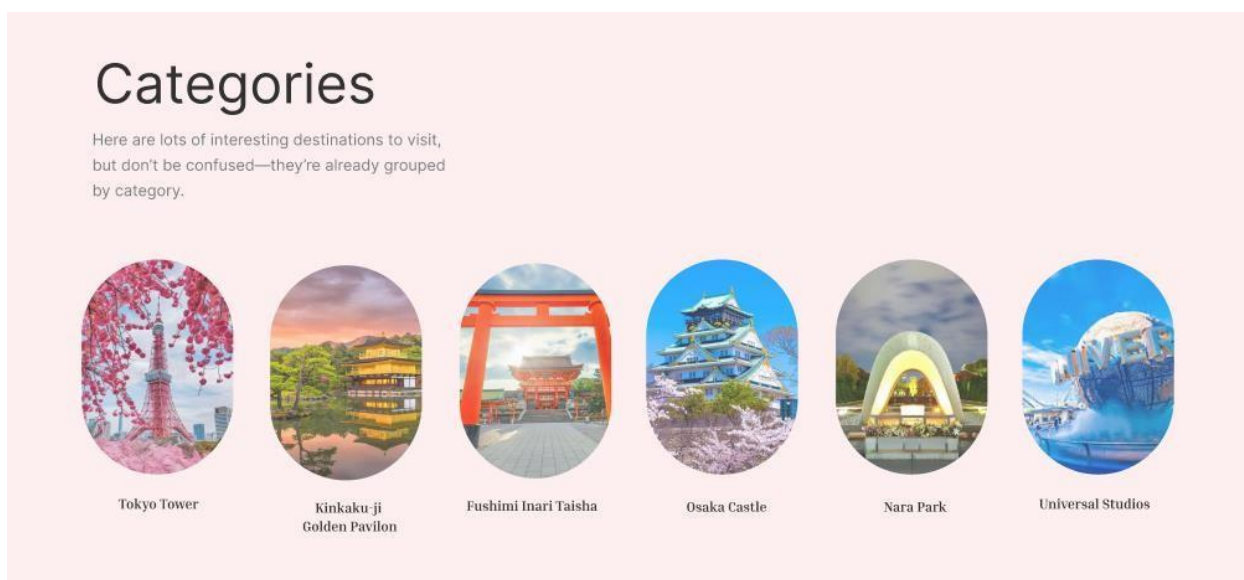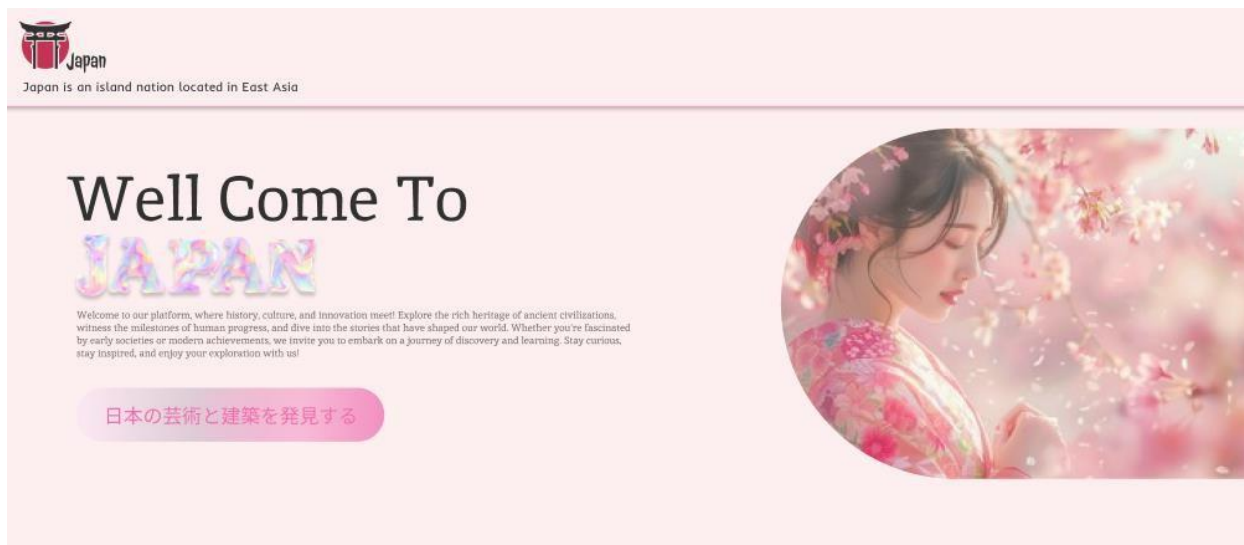   - Ensure to include semantic HTML elements where necessary.

4. **CSS Styling:**

   - In styles/style.css, apply CSS to style the webpage to match the design.
   - Use class and ID selectors to target specific elements.
   - Pay attention to:
     - **Colors:** Use the same color palette as the design.
     - **Typography:** Match the fonts and sizes shown in the design.
     - **Spacing:** Ensure margins and padding align with the design.
     - **Responsive Design:** Use media queries to ensure the website is responsive across devices.

5. **Images:**

   - Save any images used in the images/ folder.
   - Ensure that images are properly referenced in the HTML.

Institute of Computer Engineering Technology

Design:

Historical of Japan

From Ancient Times to Modern Power

Japan's early history dates back to the Jomon period (14,000 B.C.–300 B.C.), with a hunter-gatherer society known for pottery. The Yayoi period (300 B.C.–300 A.D.) introduced rice cultivation and metalworking, while the Kofun period (300–538 A.D.) saw the rise of powerful clans. Buddhism arrived in the 6th century, shaping Japanese culture and governance during the Asuka and Nara periods. The Heian period (794–1185 A.D.) was a cultural golden age.

Feudal Japan emerged in the 12th century, with samurai and shogunates ruling. The Tokugawa Shogunate (1603–1868 A.D.) brought peace and isolation until Western powers forced Japan to open in the mid-19th century. The Meiji Restoration in 1868 led to rapid modernization. Japan became a world power, expanding its empire in the early 20th century but faced defeat in World War II. Today, Japan is a major economic and technological hub.

100% Hospitality

100% Unique Food Culture

Kimono

Point Of Details

Category	Details	
	Value	Additional Information
Official Name	Nihon-koku (日本国) or Nippon-koku which means "State of Japan"	
Capital	Tokyo	(administrative), Colombo (commercial)
Area	Approximately 377,975 square kilometers	(25,332 sq miles)
Population	Around 125 million people (as of 2023).	(2023 estimate)
Languages	Japanese	(link language)
Currency	Japanese Yen (¥, JPY)	(link language)
Climate	Varied climate: Japan experiences four distinct seasons. • Northern Japan (Hokkaido) has cold winters with heavy snowfall and cool summers. • Central Japan has hot, humid summers and mild winters. • Southern Japan (Okinawa) is subtropical, with warm, humid weather year-round.	
Major Religions	Shintoism and Buddhism	(25,332 sq miles)
Independence Day	Japan does not have an Independence Day	(2023 estimate)
Government Type	Constitutional Monarchy with a Parliamentary Democracy.	(link language)
Major Industries	Automobiles,Electronics,Robotics,Tourism	(25,332 sq miles)
UNESCO World Heritage Sites	Japan has 25 UNESCO World Heritage Sites	(2023 estimate)
Natural Resources	65,610 sq km	(link language)
Cultural Festivals	Approximately 22 million	(25,332 sq miles)

Tourism And Hospitality In Japan

Japan offers a captivating blend of rich cultural heritage, modern technology, stunning landscapes, and world-class hospitality. Known for its "omotenashi" culture of exceptional customer service, visitors are treated with great care. Whether exploring Tokyo and Osaka's bustling cities or Kyoto's tranquil temples, Japan ensures a seamless and unique experience for tourists.

Geography And Biodiversity

Japan's geography includes four main islands and diverse natural wonders like Mount Fuji and Okinawa's beaches. With its varied climate, Japan offers cherry blossoms in spring, lush summers, colorful autumns, and snowy winters. National parks such as Nikko and Shiretoko feature rich ecosystems with forests, mountains, and wildlife.

Cultural Heritage

Japan's rich cultural heritage includes 25 UNESCO World Heritage Sites, such as temples, shrines, and castles. Kyoto, known for its traditional architecture, features landmarks like Kinkaku-ji and Fushimi Inari Taisha. Ancient traditions like tea ceremonies, kimono, and sumo wrestling are still practiced, while Buddhism and Shintoism influence the country's festivals, shrines, and gardens.

Cultural Heritage

Japanese cuisine, or washoku, is celebrated for its balanced flavors, presentation, and use of fresh, seasonal ingredients. Popular dishes include sushi, ramen, and tempura, with regional specialties like Osaka's takoyaki and Hokkaido's seafood. Dining options range from high-end kaiseki to casual izakayas and ramen shops. Japanese hospitality is evident in the meticulous attention to detail in both taste and presentation, making each meal a unique experience.

6. **Testing:**

- Open the index.html file in a web browser to review the website.
- Check responsiveness by resizing the browser window or using developer tools.

Deliverables:

- You have to upload

    1. The zip file containing all the HTML files

    2. Your deployment link .

    3. A screenshot of each page displayed in a browser.

Note:

Feel free to add placeholder content (like images and text) to represent the design, but make sure it aligns with the general topic of Sri Lanka.

Deadline	Friday 15th, November 2024
Upload to	Learning Management System (LMS)
Material	ZIP File && Repolink

Assessment Criteria:

- Adherence to the design specifications.
- Code organization and cleanliness.
- Use of HTML and CSS best practices.
- Responsiveness and cross-browser compatibility.

Note:

- This is a static page.
- Be creative with the layout, styling, and overall presentation.
- Ensure that your webpage is still accessible and follows good design principles.
- Don't use AI code generators, we can detect your code.
- You can search Google for all your problems.