CS 483 Project 2
Pet Sitting Service Website (HTML only)

You are tasked with creating a multi-page website for a Pet Sitting Service using only HTML. While meeting the visual requirements is important, the primary focus of this project is on the underlying code structure. Your goal is to apply the best practices discussed in class to create a semantically meaningful HTML structure that promotes accessibility, inclusivity, and responsiveness. The website will consist of three pages: **Home**, **About Us**, and **Contact**. I will provide a visual guide for each page, and you are welcome to add content if you like, as long as it aligns with the pet-sitting theme. Any additions should maintain the integrity and spirit of the website.

In addition, you will host your website on **GitHub Pages**. After completing your site, you'll upload the project files to GitHub and enable GitHub Pages to make your website publicly accessible.

Note that we are not yet styling our pages with CSS or adding JavaScript for interactivity.

Project Structure

The website will have three distinct HTML pages. Each page will have consistent navigation, which links all pages together.

- Home Page (`index.html`)

  Content:

  - **Header** with a welcome message
  - **Navigation section** with links to the other two pages
  - **Main section** showcasing the Pet Sitting Service
  - **Embedded Video** (using the provided video asset)
  - **Footer** with contact email or social media link

- About Us Page (`about.html`)

  Content:

  - **Header** identifying the purpose of the page
  - **Navigation section** with links to the other two pages
  - **Section** introducing the team or company with a brief description of the services
  - **Footer** with contact email or social media link

- Contact Page (`contact.html`)

  Content:

  - **Header** identifying the purpose of the page
  - **Navigation section** with links to the other two pages
  - **Contact Form** for users to fill out their name, email, and message
  - **Footer** with contact email or social media link

HTML Requirements

1. Semantic HTML:

- Use **semantic elements** such as `<header>`, `<footer>`, `<nav>`, `<section>`, `<article>`, and <main> to structure the content meaningfully
- Ensure proper use of heading tags (`<h1>`, `<h2>`, etc.) to organize the content

2. Responsiveness:

- Set the **viewport** in the meta data to make the website responsive on various devices

3. Accessibility:

- Ensure that all content is organized in a way that is accessible and understandable by screen readers
- Use appropriate `<label>` elements for form fields and ensure proper use of buttons and input fields for better form accessibility

4. Navigation:

- Ensure that all pages have consistent navigation by using the `<nav>` element to wrap the navigation links, making them clickable and allowing access to any page

5. Form Elements:

- The *Contact Page* should include a form with the following fields: Name, Email, Message, and Submit. Use proper **label attributes** and **input type** for functionality and accessibility
- Set form action to `"#"` since we don't have an API to send the data to a backend server

6. HTML Media Element API:

- Use the HTML `<video>` element to showcase the pet-sitting service video that is included in the assets folder. Ensure the video has the correct attributes such that it
  - Automatically starts playing when the page loads
  - Loops continuously
  - Is muted

7. Meta Information:

- Include appropriate meta information for:
  - Language support
  - Improve search engine ranking and SEO

Additional Requirements

1. DOM and Writeup:

- Create the DOM representation for the **Contact Page** (`contact.html`)
- Write a brief paragraph explaining how the site is organized to meet **SEO** and **Accessibility** standards. Discuss the specific accessibility considerations in your code, e.g., appropriate form labels, input types, etc.
- Include a PDF of the DOM and the writeup in your submission

2. GitHub Hosting:

- **Create a GitHub account**, if you don't already have one `https://github.com/`
- Set up a new repository to store your project files
- **Upload your project files** (e.g., `index.html`, `about.html`, `contact.html`) and any necessary assets (e.g., `pet_video_pixabay.mp4`) to the repository
- **Enable GitHub Pages** for your repository by going to the repository settings and selecting the branch you want to use (typically `main`) for GitHub Pages
- This will provide you with a public URL to access your website
- Include this URL in your PDF

Score Breakdown

Criteria	Point %
Functionality (Must have - the first thing the grader will check) ▪ A functional 3-page website that adheres to the visual guidelines ▪ Correct video display ▪ Valid email link	20%
HTML Requirements	40%
DOM and Writeup	20%
GitHub Hosting	20%

Submitting your Solution

Organize your HTML file and any supporting files for the project into the correct directory structure, making sure that the grader can render the HTML without any additional steps. Compress the files into a ZIP archive and name it as follows: ***<first name>_<last name>*_proj2.zip**

Your project archival should include a text file named **README** with the following information:

- Your **name** and **email address**
- A **list of all the files** in your archive with a brief one-line description of each file

Note that:

- Failure to adhere to the directory structure specifications, omitting the README file, or requiring additional communication from the grader to view or test your HTML page will result in point deductions.
- **Before finalizing your submission**, I strongly recommend extracting your archive into a new directory and testing that all files are included and the HTML renders correctly.