

Project: The Nature Documentary Showcase

Goal: Build a professional landing page that features video, audio, and SEO-friendly structure.

Phase 0: The Resource Pack

Use these live links to test your site immediately.

Asset Type	URL
Hero Image	https://images.pexels.com/photos/417074/pexels-photo-417074.jpeg
Video Thumbnail	https://images.pexels.com/photos/3225517/pexels-photo-3225517.jpeg
Video File (MP4)	https://static.videezy.com/system/resources/previews/000/005/248/original/Turbulent_Clouds_4K_Living_Background.mp4
Audio File (MP3)	https://www.soundhelix.com/examples/mp3/SoundHelix-Song-1.mp3

Phase 1: The Foundation (Boilerplate & SEO)

Open your text editor, create a file named index.html, and set up the "brain" of your webpage.

- The Boilerplate:** Create the standard HTML5 structure including `<!DOCTYPE html>`, `<html lang="en">`, `<head>`, and `<body>`.
 - SEO Metadata:** Inside the `<head>`, add:
 - A `<title>`: Nature Docs | Multimedia Experience.
 - A `<meta>` tag for a description: Explore the wild through high-definition video and immersive soundscapes.
 - A `<meta>` tag for keywords: nature, documentary, wildlife, video, audio.
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Phase 2: Semantic Structure

Inside the `<body>`, organize your content using meaningful tags. This helps search engines and screen readers understand your page.

1. **Header:** Create a `<header>`. Inside, add an `<h1>` titled The Great Outdoors.
 2. **Navigation:** Create a `<nav>` with three links that point to the different sections you will build:
 - `Gallery`
 - `Soundscapes`
 - `Details`
 3. **Main Content:** Wrap the rest of your content in a `<main>` tag.
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Phase 3: Attributes & Images

Practice using attributes to make your site accessible.

1. **Hero Image:** At the top of your `<main>` section, add an ``.
 2. **Requirement:** Use the **Hero Image** URL from the resource pack. You **must** include an alt attribute describing the image and a `width="100%"` attribute.
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Phase 4: Multimedia Core (Video & Audio)

This is the heart of the project. You will implement the multimedia elements from your curriculum.

Step A: The Video Player

Create a `<section id="gallery">`. Inside, add a `<video>` element with the following:

- **Attributes:** controls (to play/pause), `width="800"`, and poster (using the Thumbnail URL).
- **Source:** Use a nested `<source>` tag with the **Video File** URL and `type="video/mp4"`.
- **Fallback:** Add the text "Your browser does not support the video tag" inside the video element.

Step B: The Audio Player

Create a `<section id="sounds">`. Inside, add an `<h2>` called Nature Sounds.

- **Implementation:** Use the `<audio>` tag with the controls attribute.
 - **Source:** Add a `<source>` tag using the **Audio File** URL and `type="audio/mpeg"`.
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Phase 5: Details & Lists

Add context to your page using lists and basic formatting.

1. **Upcoming Documentaries:** In a new `<section id="details">`, create an `<h2>` and an **unordered list** (``) featuring three documentary titles (e.g., "Deep Sea Mysteries", "Mountain Peaks").
2. **Production Info:** Use a **description list** (`<dl>`) to show:
 - `<dt>Director</dt> <dd>David Attenborough</dd>`
 - `<dt>Location</dt> <dd>Global</dd>`

Phase 6: The Debugging Checklist

Before you finish, check your work for these common "Camperbot" errors:

- [] **Self-Closing Tags:** Ensure ``, `<meta>`, and `<source>` do not have closing tags.
- [] **Container Tags:** Ensure `<video>`, `<audio>`, and `<nav>` are properly closed.
- [] **SEO Check:** Does every image have an alt attribute?
- [] **Path Check:** Do your video and audio play when you open the file in a browser?