

Readme

Improvements to Part 2:

Rubric section: Creating and Linking Style Sheet to Pages, the styling of pages with CSS:

- **Home page:**
 - I centred all subheadings(h2) in the pages.
 - I made the home page images smaller and added another image for there to be three in a row.
 - Added hovers for the links on the pages.
- **About Us:**
 - I centred all subheadings(h2) in the pages.
 - I added three images in a row at the bottom of the page.
- **Adopt a pet:**
 - I centred all subheadings(h2) in the pages.
 - I put the pets for adoption image containers two in a row.
- **Gallery:**
 - Added a responsive iframe YouTube video link under the gallery images.
- **Contact Us page:**
 - Added missing, phone number, email address link, address and contact form.
 - Made the map smaller.
 - Added hovers for links on the pages and made it 3px.

Rubric section: Applying Mobile Phone Responsiveness:

- Increased size of logo on smaller screens.
- Centred subheadings.
- Centred the about us subheadings.
- Increase the size of images on smaller screens.

- Made the hover border on images in gallery thicker and changed the colour to a darker shade of blue.

Functionality:

- JavaScript dynamically highlights the active navigation link based on the current page's URL.
- The footer year is updated automatically to the current year using the system's date in JavaScript.
- An event listener is added to the window to execute functions for setting the active link and updating the footer year when the page loads.
- JavaScript toggles the "responsive" class on the navigation menu to make it mobile-friendly.

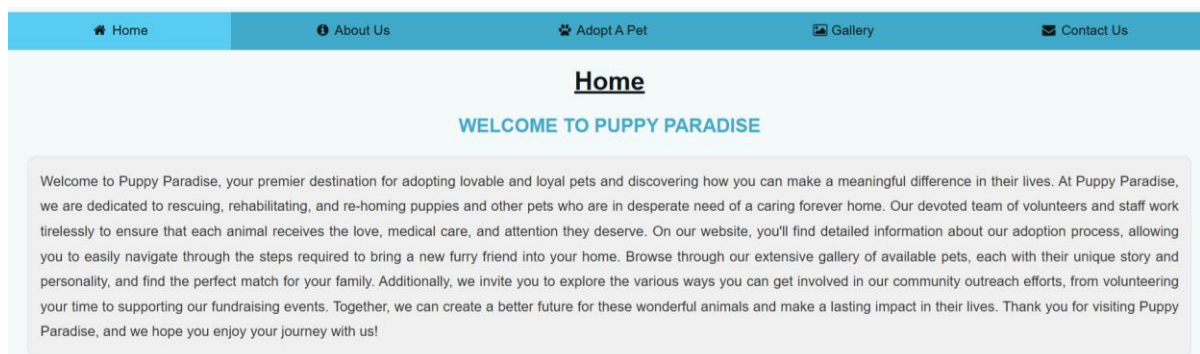
Active link code and result screenshot:

```
// Function to highlight the active navigation link based on the current page(Coyier, 2012)
function setActiveLink() {
    // Get the current path of the URL(Coyier, 2012)
    var currentPath = window.location.pathname;

    // Select all anchor tags within elements with the class 'topnav'(Coyier, 2012)
    var links = document.querySelectorAll('.topnav a');

    // Iterate over each link(Coyier, 2012)
    links.forEach(function (link) {
        // Extract the pathname from the href attribute of the link(Coyier, 2012)
        var linkPath = new URL(link.href).pathname;

        // Check if the current path matches the link's path or if the current path starts with the link's path(Coyier, 2012)
        // This helps in highlighting links that lead to subpages as well(Coyier, 2012)
        if (currentPath === linkPath || currentPath.startsWith(linkPath) && linkPath !== '/') {
            // Add the 'active' class to the link if it matches the current path(Coyier, 2012)
            link.classList.add('active');
        } else {
            // Remove the 'active' class from the link if it does not match the current path(Coyier, 2012)
            link.classList.remove('active');
        }
    });
}
```



Footer with year based on system code and result screenshot:

```
// Function to update the footer with the current year(W3Schools,2024)
function updateFooterYear() {
  // Get the current year(W3Schools,2024)
  var year = new Date().getFullYear();

  // Get the footer year element by its ID(W3Schools,2024)
  var footerYearElement = document.getElementById("footerYear");

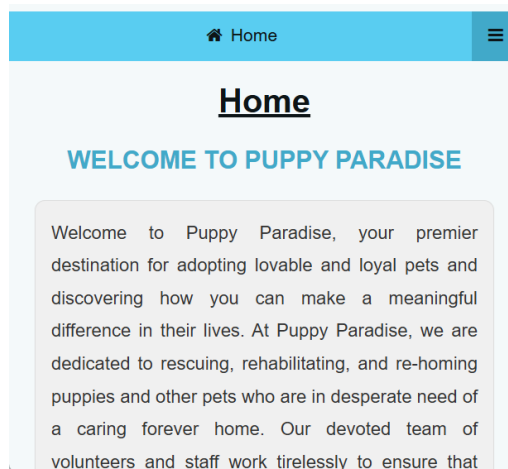
  // Update the footer year element's inner HTML to display the current year(W3Schools,2024)
  footerYearElement.innerHTML = `© ${year} All rights reserved.`;
}
```

Author: Franklyn Pedro
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Bars code and result screenshot:

```
// Function to toggle the responsive navigation menu(W3Schools,2024)
function myFunction() {
  // Get the element with id (W3Schools,2024)
  var x = document.getElementById("myTopnav");

  // Check if the current class name is 'topnav'(W3Schools,2024)
  if (x.className === "topnav") {
    // If so, add the 'responsive' class to it(W3Schools,2024)
    x.className += " responsive";
  } else {
    // If not, reset the class name to 'topnav'(W3Schools,2024)
    x.className = "topnav";
  }
}
```



- JavaScript in contact us page that validates the email input to ensure it follows the correct email format.
- A JavaScript function is also provided to clear the form fields by resetting the form.

Email validation screenshot:

The screenshot shows a contact form titled "Get in Touch" with the following fields and elements:

- Name ***: A text input field containing "Franklyn".
- Email ***: A text input field containing "franklyn".
- Enquiry**: A text area with the placeholder text "Your enquiry".
- Submit**: A blue button.
- Clear**: A red button.

An error message is displayed below the email field: "Please include an '@' in the email address. 'franklyn' is missing an '@'." The error message is enclosed in a light gray box with a yellow warning icon.

SEO Tags:

What is SEO Tags?

-HTML SEO tags, which are bits of code, can be used to tell search engines about the content. With these HTML tags, we can describe images, highlight key passages in our writing, and even guide search engine bots. Additionally, HTML tags can affect how websites appear in search engine results (Verzhbitskaia, 2024).

What I did to implement SEO Tags:

-SEO tags are used on the homepage in the <head> section to optimize the site for search engines. The <meta> description provides an overview of "Puppy Paradise," focusing on puppy adoption and the mission. The keywords tag includes terms like "puppy adoption" and "animal rescue" to help search engines understand the site's content. The title tag, "Welcome to Puppy Paradise | Adopt a Pet," is also used to improve search visibility. These SEO tags help ensure better indexing and visibility on search engines (Verzhbitskaia, 2024).

Forms:

Set up of email validation for google form screenshot:

This screenshot shows the Google Forms editor interface for a form titled "Receive Newsletter". The form is currently in "Questions" mode. The main question is a "Short answer" type with the text "Enter your email address". The "Required" toggle is turned on. Below the question, there is a "Text" dropdown menu and an "Email" dropdown menu. The "Email" dropdown is selected, and a validation message "Please enter a valid email address!" is displayed. The form is set to "Required" and "Short answer" type. The "Form description" field is empty. The "Question" field contains the text "Please send me your weekly newsletter" with a checkbox. The "Required" toggle is turned on. The "Form description" field is empty. The "Question" field contains the text "Please send me your weekly newsletter" with a checkbox.

Email validation on home page screenshot:

This screenshot shows the "Receive Newsletter" form on a home page. The form is titled "Receive Newsletter" and is currently in "Draft saved" state. The form is set to "Not shared". The main question is "Enter your email address" with a red asterisk indicating it is required. The user has entered "anzo@gmail" and a validation message "Please enter a valid email address!" is displayed. Below the question, there is a checkbox for "Please send me your weekly newsletter" which is checked. The form has a "Submit" button and a "Clear form" link.