Title: Assignment 2 - Website Updates Using SASS and jQuery

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1. Introduction

Briefly explain the goals of this assignment, highlighting:

- Styling updates using SASS for menu and buttons.
- Adding jQuery functionalities, including a fixed navigation bar and a slideshow for images and videos.

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2. Changes Made Using SASS

Step 1: Setting Up SASS and Compiling CSS

- Mention how you set up the SASS preprocessor and compiled it into CSS using a SASS compiler (e.g., node-sass or Visual Studio Code SASS extensions).

Step 2: SASS Code Changes

- **Menu Text Color**: Changed the color of menu text from white to yellow and the hover color from yellow to white.

```scss
Copy code
.menu {
    color: yellow;
    &:hover {
        color: white;
    }
}
```

- **Button Background Color**: Updated all button backgrounds to red.
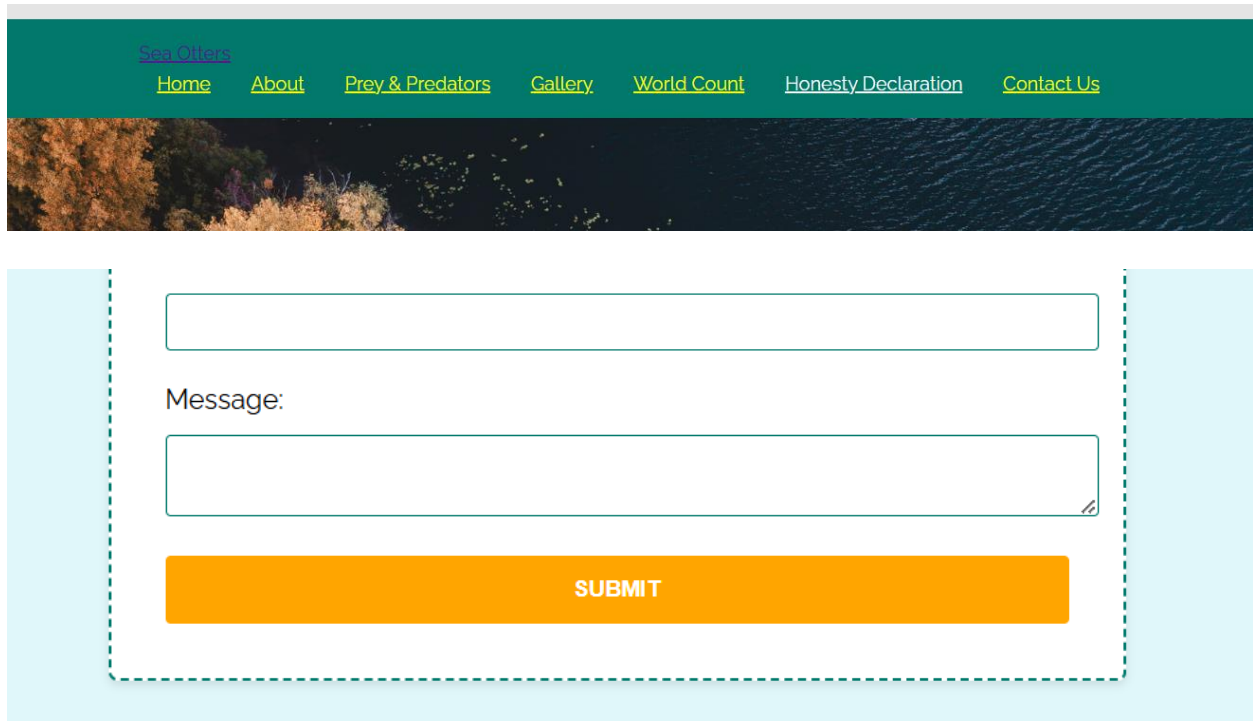
```scss
Copy code
button {
    background-color: red;
    &:after {
        content: attr(data-button-name);
        text-transform: uppercase;
    }
}
```

- **Dashed Border for Contact Us Form**: Applied a dashed border to the Contact Us form.

```scss
Copy code
.contact-form {
    border: 2px dashed black;
}
```

Screenshots

- Insert screenshots showing the menu text color change, button background color, and Contact Us form border.

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3. jQuery Functionalities

Step 1: jQuery Setup and Usage

- Explain how you linked the jQuery library and applied jQuery functions.

Step 2: jQuery Code and Features

- **Fixed Navigation Bar**: Used jQuery to keep the navigation bar fixed on scroll.

```javascript
Copy code
```
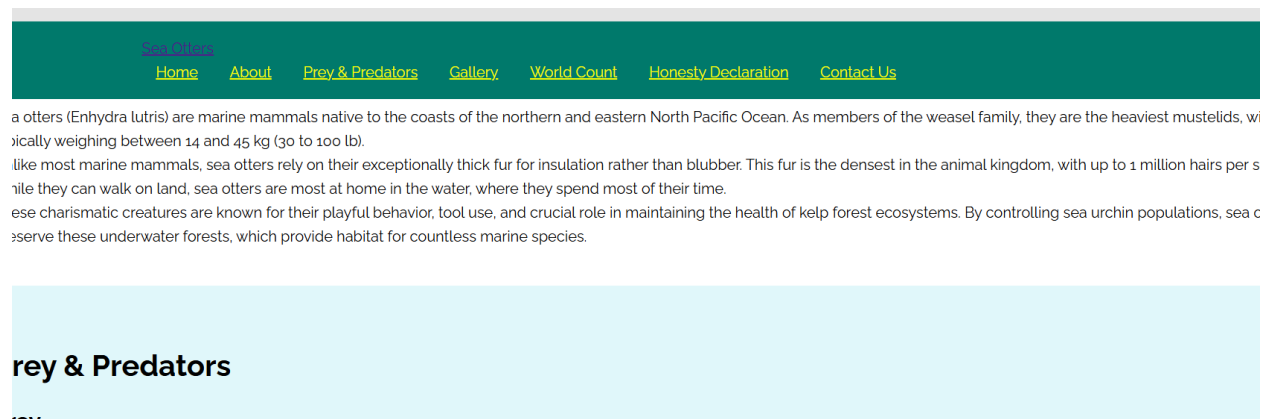
```
$(window).scroll(function() {
    if ($(this).scrollTop() > 100) {
        $('.header').addClass('fixed');
    } else {
        $('.header').removeClass('fixed');
    }
});
```
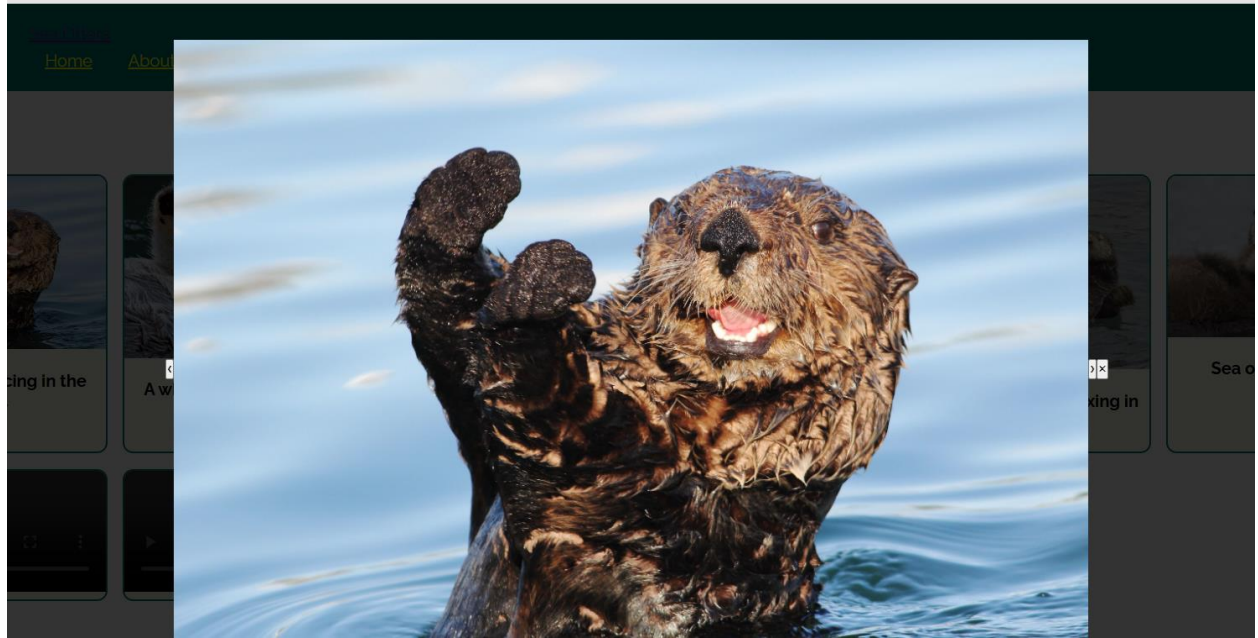
- **Gallery Slideshow**: Created a lightbox slideshow that allows users to navigate images with next/previous buttons, close with the "close" button, or click outside to exit.

```
javascript
Copy code
$('.gallery-item').click(function() {
    // Display slideshow
});
```

Screenshots

- Insert screenshots of the fixed navigation bar and the lightbox slideshow in action.

Sea Otters

Home   About   Prey & Predators   Gallery   World Count   Honesty Declaration   Contact Us

a otters (Enhydra lutris) are marine mammals native to the coasts of the northern and eastern North Pacific Ocean. As members of the weasel family, they are the heaviest mustelids, wi ically weighing between 14 and 45 kg (30 to 100 lb).

like most marine mammals, sea otters rely on their exceptionally thick fur for insulation rather than blubber. This fur is the densest in the animal kingdom, with up to 1 million hairs per s nile they can walk on land, sea otters are most at home in the water, where they spend most of their time.

ese charismatic creatures are known for their playful behavior, tool use, and crucial role in maintaining the health of kelp forest ecosystems. By controlling sea urchin populations, sea c eserve these underwater forests, which provide habitat for countless marine species.

rey & Predators

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4. Conclusion

Summarize the changes and improvements made, noting how these enhance the website's usability and design consistency.