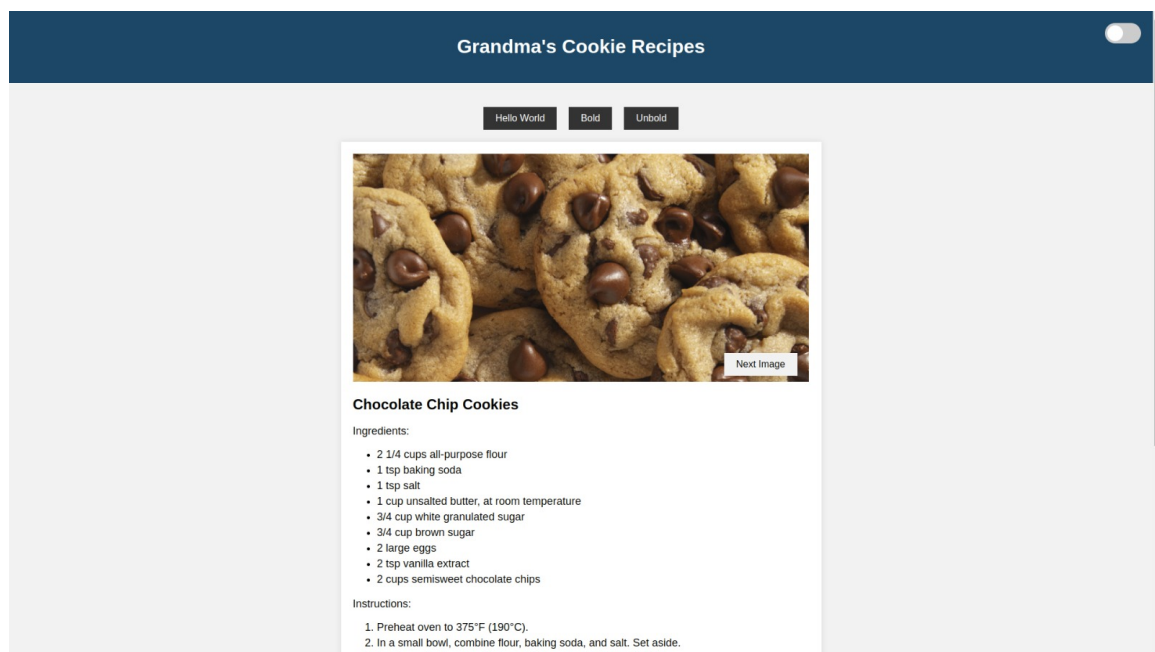


# ISS JavaScript Lab Assignment

**Note:** This lab assignment expects basic knowledge of HTML and CSS which was taught in previous sections of the course.

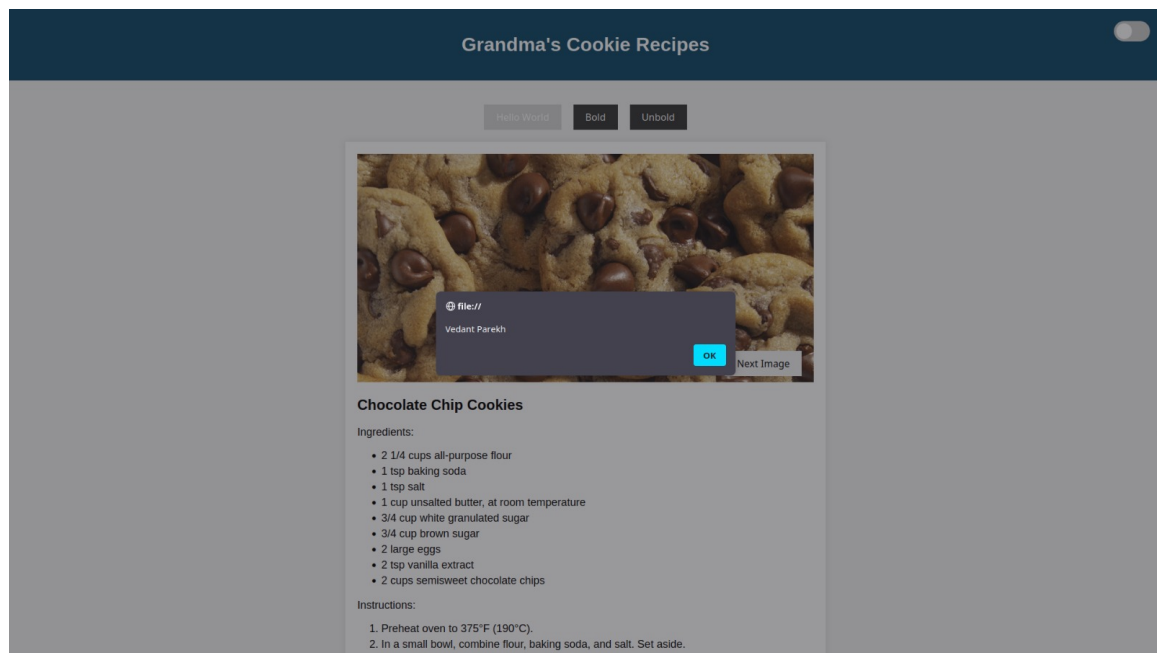
## Instructions:

- A basic website built in HTML + CSS has been provided to you.
- You are required to complete the tasks (mentioned in the section below) using knowledge of JS.
- It is expected that you do not modify the CSS file and only make minor modifications to the HTML file.
- You are not allowed to use inline JS. You are expected to write your code in an external JS file and link it to the given HTML code.
- The usage of external JS libraries is prohibited.
- Following is the basic provided website



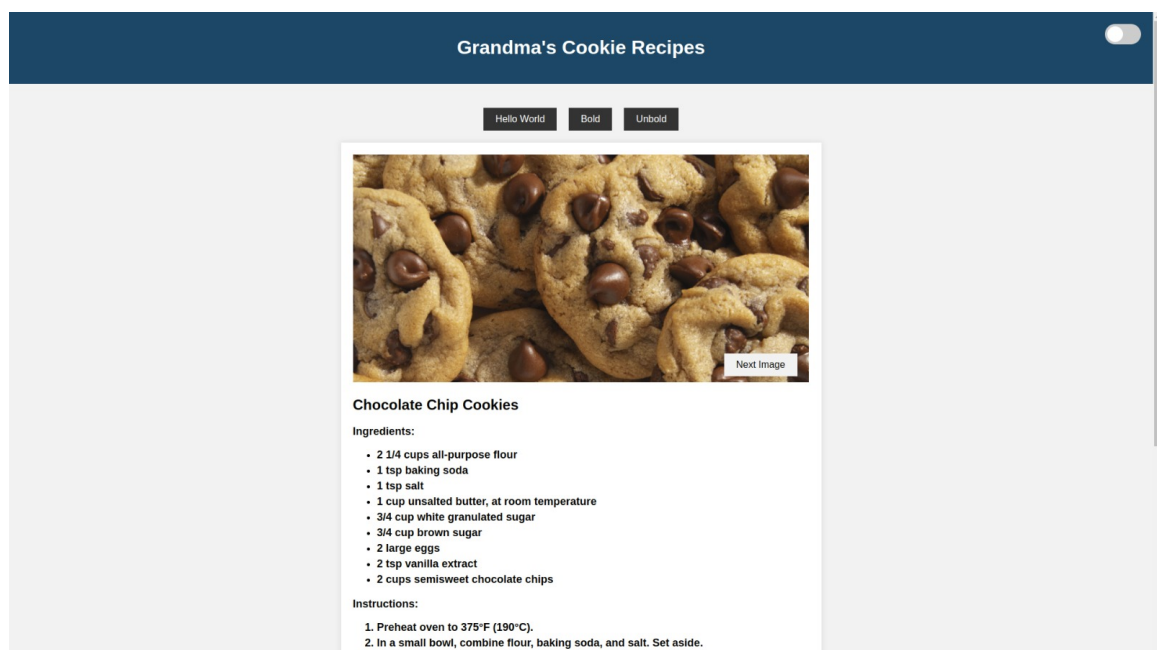
## Tasks:

1. **Hello World:** On clicking the “Hello World” button, an alert box should be generated displaying your name. The expected output has been attached. (Note: The appearance of alert boxes varies across browsers and won't affect grading)

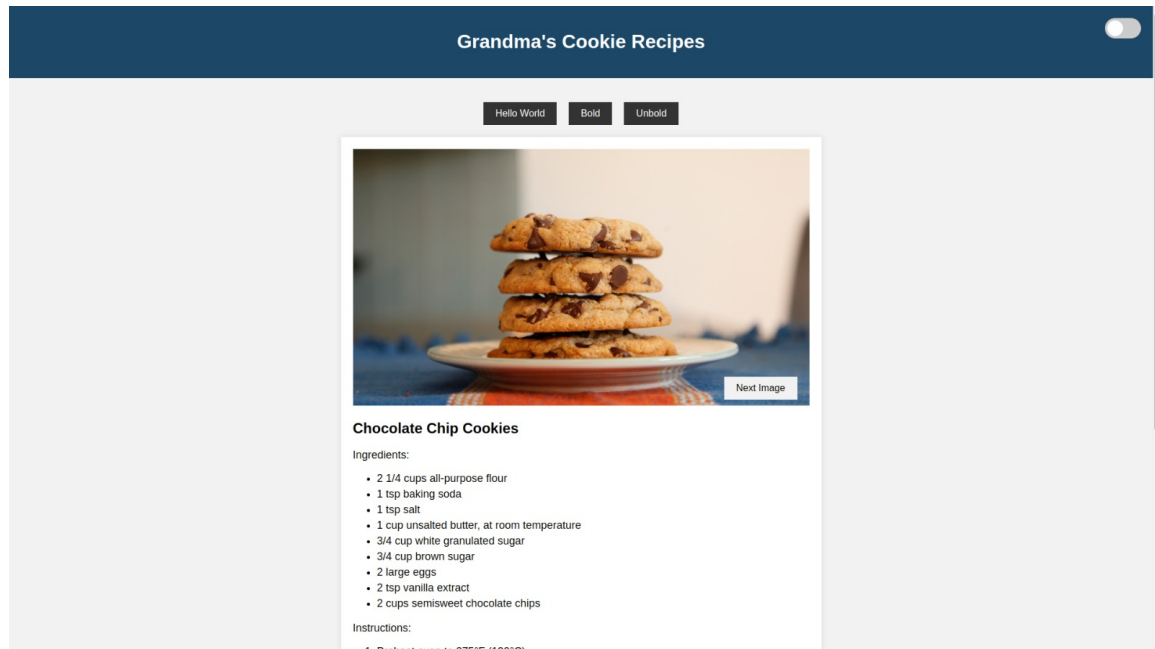


2. **Bold**: On pressing the bold button, all the text present on the website should become bold (No changes are required to be made to the text present in heading tags or to the text in buttons). The expected output has been attached below (Hint: All the text that must be bolded is present in the 'p' and 'li' tags).

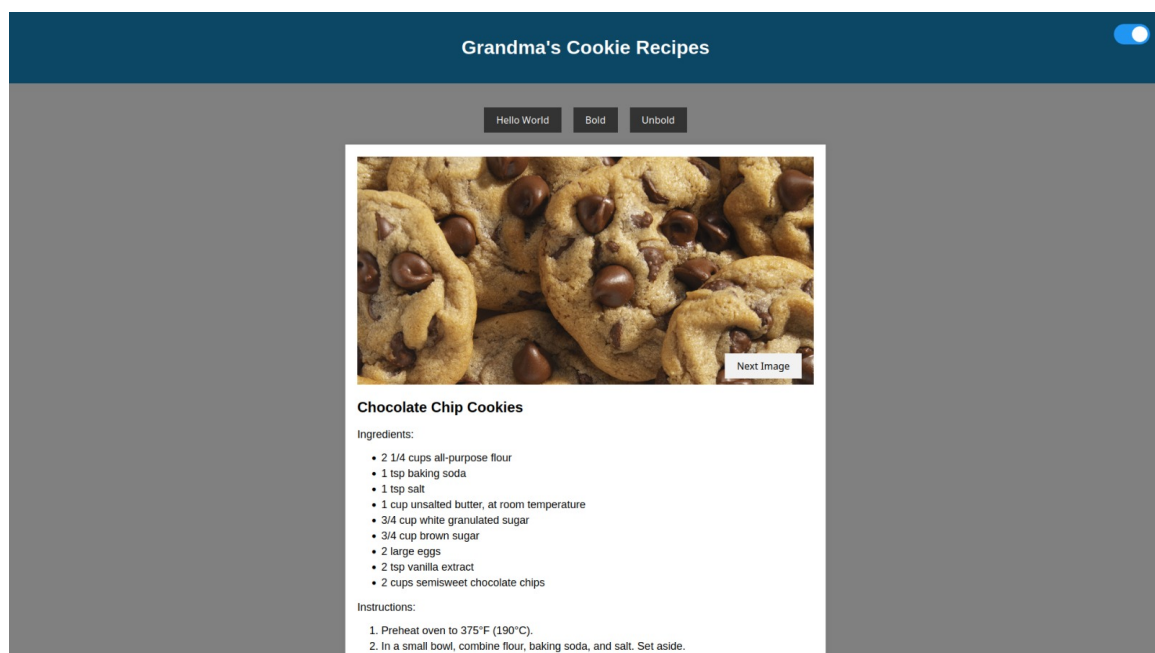
**Unbold**: On pressing the unbold button, all the text present on the website should become unbold (No changes are required to be made to the text present in heading tags or to the text in buttons). The output should be similar to the original state of the website.



3. **Next Image:** You have been given three images in the `images` folder. The next image button should cycle through the images. When you reach the third image and press the button, it should return to the first image. Ensure that your code allows the next image button to be clicked as many times as the user wishes. A sample website state with the third image is provided for reference.



4. **Dark Mode:** The top-right toggle slider should switch the background colour of the website's body from the original colour to grey and vice versa. The original (light mode) background colour in hexadecimal is `#f2f2f2`.



5. **Fetch Request:** Display a new random joke using the public joke API ([https://official-joke-api.appspot.com/random\\_joke](https://official-joke-api.appspot.com/random_joke)) to display a random joke every time the “Get a new joke” button is clicked (Do not hardcode any jokes).

