Project 6: JavaScript for Web Development (Up to 100 Points)

Task: Add JavaScript code to a webpage to define functionality associated with buttons. The webpage files have been provided in the jsDOMAssgn.zip file, which will need to be downloaded and uncompressed. The index.html file is the webpage. The myStyles.css file in the styles folder provides the CSS. Two images have been provided in the assets folder: badlands.JPG and tensleep.JPG. The JavaScript code can be added to the HTML file or written in a separate and linked .js file.

Tasks:

- ❖ **Button 1:** When the button is clicked, the span in the last paragraph with the "#span1" ID should be altered such that it has the same appearance as the rest of the paragraph. (Up to 12.5 Points)
- ❖ **Button 2:** When the button is clicked, the background color and text color of the unordered list should change. You can use colors of your choosing. (Up to 12.5 Points)
- ❖ **Button 3:** The <img> tag with the "#img1" ID is currently displaying the badlands.JPG image. When the button is clicked, the image source should toggle between the badlands.JPG and tensleep.JPG images. (Up to 12.5 Points)
- ❖ **Button 4:** When the button is clicked, the second paragraph in the first div, which has the "#div1P2" ID, should be removed. (Up to 12.5 Points)
- ❖ **Button 5:** When the button is clicked, the main title text should change to "Updated Title". The title is assigned the "#mainTitle" ID. (Up to 12.5 Points)
- ❖ **Button 6:** When the button is clicked, the border for the second div should be removed. This div has the "#div2" ID. (Up to 12.5 Points)
- ❖ **Button 7:** When the button is clicked, a new paragraph should be added within and at the end of the first <div>. The text should read "New paragraph added." (Up to 12.5 Points)
- ❖ **Button 8:** When the button is clicked, its associated text should change to "Clicked!". This button has an ID of "#b8". (Up to 12.5 Points)

Deliverables:
- ❖ Entire website directory in a compressed folder. The added JavaScript code can be in the HTML file or in a linked JS file.