Unit 4 Learning Diary:JavaScript

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This unit is about adding JavaScript in the website. Before I begin, With Many YouTube videos and W3 school materials, I had a basic understanding of What is Javascript and how to use them in a simple website. Since Many apps on my phone has dark modes and day modes I decided to add a button that can switch to light/dark mode on my website. W3 school has a sample code here:
https://www.w3schools.com/howto/howto_js_toggle_dark_mode.asp
I created a new class tag for CSS Styling and put the button in the navigation bar. Thus it can switch the site style on one click with the help of Java script code.Also,
https://www.w3schools.com/js/js_validation.asp
Has a sample form validation code, I extended the sample code to examine all the elements in the form and return a waning if nothing is typed in.

Critique:
The switch button is easy to use. However, what it does is essentially switch the underlying class to a different CSS style thus it is requires pre-wrote stylesheet to be ready.
The Form validation code can only detect empty entry. But cannot tell the user to not write letters in a phone box and etc. Thus further improvements are required.

The"mainpage" is where my main site is, and I have tested it with new written JS which works well

Learning Outcomes	Evidence of Meeting the Learning Outcome	Your Own Assessment of the Grade You Believe Would Be Appropriate
Critique JavaScript code written by others, identifying examples of both good and bad practice.	JS Code has been critiqued	A
Use JavaScript to add dynamic content to pages	User can switch between dark/light mode with a single push button	A
Modify existing JavaScript code to extend and alter its functionality and, where appropriate, to correct errors and cases of poor practice.	The JS codes is modified to fit to my web design	A