Task - JavaScript Form Validation

Objectives

* To be able to use JavaScript to validate fields on a form and intercept form submission.

Activity

1. In VSCode, open the file the file index.html. Open the file using live server.

Default validation is applied to all fields that have the required property. However, this validation may not be exactly as we want. The form generates a GET request when the Submit button is clicked and this behaviour is often intercepted.

1. In the javascript, write an arrow function called formSubmit that:
2. Takes an argument of event;
3. Stops the generation of the GET request;
4. Pops up an alert box to say that the form has been submitted.
5. Register a submit event with the form element using a handler of formSubmit.
6. Save the file and enter data onto the form, then click Submit.

This code should have stopped the page from refreshing with a new URL.

1. Add a loop to the formSubmit function that outputs the first 3 values of the array included in the event target generated by the submit. (Note: the target event property returns the element that triggered the event.)

for(let i = 0; i < 3;i++) {

console.log(event.target[i].value);

}

1. Declare a constant called nameInput and set it to be the element with a name attribute of name. (Good practice - define all variables and constants at the top of the code)
2. Add an arrow function called validateNameLength that:
   1. Receives an event as an argument;
   2. Checks the length of the value to see if it is at least 2:

if(event.target.value.length < 2) { }

* + 1. Alerts Name not long enough if it is not and
    2. Puts the focus back on the input.

nameInput.focus();

1. Register a change event with nameInput, calling the function you have just defined.
2. Save the file and enter a single character in the name field and move on to the Email field. You should get an alert message.
3. Verify that the alert message does not show when the name is at least 2 characters long.

This is the end of Task