

JavaScript Hands-On Project 3

In this project, you'll recreate an existing form validation script using jQuery.

1. In your text editor, open the **index.htm** and **script.js** files from the HandsOnProject folder in the folder where your data files are stored. In the comment section of each file, enter your name and today's date where indicated, and then save your changes. Note that the **index.htm** file contains a form that contains four input fields and a Submit button. The **script.js** file contains JavaScript code to validate form input.
2. Open **index.htm** in a browser, and then click the **Submit** button. The background of each field changes to pink, and an error message is displayed at the top of the form.
3. Enter fictitious information in each form field, ensuring that you enter numbers in the final field, and then click the **Submit** button. The submission confirmation page is displayed, confirming that your form entries were valid.
4. Return to the **script.js** file in your editor, and then in the `validateForm()` function, comment out the first five lines of the function, containing the `if/else` statement. After the commented-out section, add the following statement:

```
event.preventDefault();
```
5. Comment out the statement `var errorDiv = document.getElementById("errorText");`
6. Within the `try` statement, comment out the final two lines (`errorDiv.style.display = "none";` and `errorDiv.innerHTML = "";`). Before the closing `}` for the `try` statement, enter the following replacement statements:

```
$("#errorText").hide();  
$("#errorText").html("");
```
7. Within the `catch` statement, comment out both existing statements and then enter the following two replacement statements:

```
$("#errorText").show();  
$("#errorText").html(msg);
```
8. Within the final `if` statement that checks if the value of the `formValidity` variable is `true`, comment out the existing statement and replace it with the following:

```
$("#form").submit();
```
9. Save your changes to **script.js**, refresh or reload **index.htm** in your browser, and then repeat Steps and to test the form and verify that the validation still works with the jQuery code you just added.