

# WEB230 - JavaScript 1

## Assignment 7 - Forms

Some of these tasks would be better done in HTML or CSS but do them in JavaScript to practice what we have learned.

1. Select the form element and save it in a variable. From here we can access all of the form fields.
2. When the page loads do the following:
  - add the password value "monkey"
  - select the favourite city "New York"
  - clear the textarea
3. Add an event handler to the "name" field to change the background color of the "name" field to green when the length of the string is at least 5 characters. Make sure the color is removed if the count goes below 5. (Hint: input event)
4. Add an event handler to the "Show" button to display the password. When the password is shown change the button to say "Hide" and visa versa. (Hint: change the field type to "text") Also, prevent the form from submitting.
5. When the checkbox is checked enable the "Send Data" button, when unchecked disable it.
6. When the form submits:
  - check that the favourite food is "Apple". If not, do not submit the form and show an alert box that tells the user what food they should like. (Hint: remember that the value of a form field is always a string.)
  - See if any text is selected in the textarea. If it is, do not submit the form and show an alert box asking the user why they selected that text.
7. When the user enters their first name (change event) save the value to localStorage. When the page loads, check to see if there is a value stored. If so, fill in the first name with that value. (This is tricky to test since most browsers will keep the form data over page refresh. To check if it is working, open a new tab in your browser and copy the URL to the new tab. The first name should be filled in.)

## Notes:

- do not modify the HTML or CSS files
- do not rename the files
- follow best practices as discussed

## Submission Details:

- Include a comment at the beginning of the JavaScript file that includes your name, student number, assignment name, and the date.
- Use camelCase for variable names
- Do not concatenate strings, use template literals
- Do not use the `var` keyword - instead use `let` or `const`
- Do not include any HTML tags in the JavaScript file
- Do not use `document.write`
- put your files in a folder and zip the folder (right click - send to --> compress folder)
- submit the zip file - do not use any other archive format (ie RAR, 7ZIP, etc.)