UNIT 03
LESSON 03.05

Form Submission

evaluating checkboxes

Preview the lesson html file in the browser. As we see, the form's html and css are all done, but the form itself does not work. This is because we will be writing the JS for the form in this lesson.

The form works as follows:

- The user enters their first name and email into text fields.
- Optionally, the user chooses from the select menu.
- The user can check or uncheck the checkbox to subscribe to the newsletter.
- The user clicks the 'Sock It To Me' button to submit the form.
- The button click calls a function which:
  - gets the values from the name and email from the text input fields.
  - checks to see if the checkbox is checked.
  - ignores the select menu
  - concatenates and outputs an appropriate message.
  - to make room for the message, the submt ubtton is hidden

1. Get the form input elements and have the button listen for a function:

```javascript
let firstName = document.getElementById('firstName');
let email = document.getElementById('email');
let subscribeCheckbox = document.getElementById('subscribe');
let feedback = document.getElementById('feedback');

let btn = document.querySelector('button');
btn.addEventListener('click', processEbookForm);
```

2. Write the function, starting with the prevent default:

```javascript
function processEbookForm(event) {
    event.preventDefault();
}
```

3. Get the inputted text values and concatenate the first part of the response message. Rather than pass the values to local variables, we can just concatenate directly:

```
    function processEbookForm(event) {
        event.preventDefault();
        let msg = `Thank you ${firstName.value}. Check ${email.value} for
your Free eBook.`;
    }
```

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4. Evaluate the checkbox by seeing if its checked property returns true. If it is checked, thank the user for subscribing. This gets added to the existing message with += :

```
    function processEbookForm(event) {
        event.preventDefault();
        let msg = `Thank you ${firstName.value}. Check ${email.value} for
your Free eBook.`;
        if(subscribeCheckbox.checked) {
            msg += ' The latest issue of the newsletter will accompany the
email--thanks for subscribing!';
        }
    }
```

5. Hide the btn to make room for the output, and output the message:

```
    function processEbookForm(event) {
        event.preventDefault();
        let msg = `Thank you ${firstName.value}. Check ${email.value} for
your Free eBook.`;
        if(subscribeCheckbox.checked) {
            msg += ' The latest issue of the newsletter will accompany the
email--thanks for subscribing!';
        }
        btn.style.display = 'none';
        feedback.textContent = msg;
    }
```

END Lesson 03.05 NEXT: Lesson 03.06