SIT120 - Introduction to Responsive Web Apps

Week 3: JavaScript Functions

Overview:

In this week, your goal is to gain better understanding of the web using basic JavaScript applications. Learn definitions of some new concepts/components. Note 1-2 sentences reflections for each task.

List of Tasks:

Pass Task 1 – JavaScript String Methods

Instruction: String Methods are used to work with strings. Visit our Unit site or JavaScript String Methods (w3schools.com) for more information. Please see **Week 3 task 1 video tutorial** for hints.

Task to submit: Write a JavaScript file with at least 5 string methods and 1-2 sentences reflection. **Hint:** Use **console.log** function for output. (No need to include HTML and CSS)

Pass Task 2 – JavaScript Number, Number Methods and Array Methods

Instruction: JavaScript Number is a primitive wrapper object used to work with numbers like 2, -3.2 etc. Check JavaScript Numbers (w3schools.com) for more information. Also, Number Methods are used on different types of numbers like variables or expressions. Check Number Methods (w3schools.com) for more information. The Array object is used to store multiple values (same data type) in a single variable. Check JavaScript Array Reference (w3schools.com) for more information about array. See **Week 3 task 2 video tutorial** for hints.

Task to submit: Write a JavaScript file with at least 2 array variables (one string array and one number array) with total 5 array methods (you can use either string array or number array, or you can use both e.g., 2 methods using string array then 3 methods using number array). Write 1-2 sentences of reflection. **Hint:** Use **console.log** function for output. (No need to include HTML and CSS)

Credit Task 3 – JavaScript Date API

Instruction: JavaScript Date objects represent a single moment in time in a platform-independent format. See: JavaScript Date Objects (w3schools.com) and Date - JavaScript | MDN (mozilla.org). Visit **week 3 task 3 video** hints.

Task to submit: Write a JavaScript file with at least 5 Date methods and 1-2 sentences reflection. **Hint:** Use **console.log** function for output. (No need to include HTML and CSS)

NOTE: Weekly tasks are part of Assessment-2. Prepare one single entire document (append each week's added contents to the existing **single** document you keep for this Portfolio). **Do not** separate each week into different files. **Due at once on 09 Sep 2022 (Assessment-2).**