CA-JVSPT
JavaScript

Assignment 1

Personal Website – Part 1 (10%)

DUE DATE

Session 6

OBJECTIVES

- Design a multipage website.
- Incorporate JavaScript code in the website design.
- Implement JavaScript controls

DESCRIPTION

This assignment is linked to your final project. Thus far, you have completed a total of four sections as part of the Final Project. You have created a basic website consisting of at least four pages. The plan and design is of your choice. You have added at least one mathematical calculation, formula, or expression related to your site. You have added control of flow using if, if/else, else if and switch statements. You have added at least one form and have added exception handling.

However, all of these steps have been added as a requirement for each chapter and may not necessarily possess the refined qualities that you have been seeking. This assignment is your first opportunity to step back and refine or fine-tune the work that you have done thus far while applying the features and skills that you have learned so far.

INSTRUCTIONS

Using only the current pages and files that you have created thus far for your project, you are to review the content of each page, add any missing pages, scripts, forms, control of flow, and error handling in order to prepare the project files for the next several chapters. This is your opportunity to catch up on the project content, and bring it to a level of professionalism and appearance that will allow you to continue with your project working with a solid set of files.

As part of this assignment, you may add additional features, both HTML or JavaScript components that you have learned thus far.

The result of this assignment will be the working files that you will use to continue working on your project for the next several sessions.

In addition to the pages that you already have created, you must add a page to your site that educates

visitors about Web Security. Report the values of at least six properties from Tables 5-10 and 5-11 to illustrate the breadth of information about a user's computer that a Web app can access using the features of the DOM. Perform a web search on the practices for using the web safely, and include links to at least three sources in your page.

Items to consider:

- Navigation
- Flow
- Event listeners and handling
- Input / form
- Data storage

- Data validation
- Styling
- Exception/ error handling
- Debugging

The completed files after the Assignment will be used as the working files for your Project for Sessions 6-10.

SUBMISSION INSTRUCTIONS

Work must be submitted in the correct file type and be properly labelled as per the College naming convention:
NAME_COURSE_ASSIGNMENT. E.g. XuXiaLing_FM50D_A01.

Your assignment must include the following:

- All source code, as well as all other files required for the proper functioning of your application.
- Completed html, JavaScript and CSS files.

GRADING CRITERIA

Assignment Value: **10%**

Evaluation Elements	% of mark
Design (refining original design features and styling)	12
Clear and functional navigation	12
Program flow (if, if else, else if, switch statements) as needed	12
Mathematical calculation/ expression features	7
Appropriate event listeners and handling	12
Functional Input form(s) with proper validation and error display	12
Basic Data storage	12
Debugging	9
Adding DOM- BOM features	12
TOTAL	**100**