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| Unit 4 – Script Use and Augmentation |
| Student 2729329 |

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# Mapped Learning Outcomes

## Potential Grades

## A

## Critique JavaScript code written by others, identifying examples of both good and bad practice: you should be able to demonstrate an in-depth knowledge of code structure and form, identifying inefficient or unmaintainable code accurately, spotting syntax and logic errors, identifying good and bad practice, considering usability and compatibility issues, and recognizing the distinctive artistry (or lack of it) shown by the programmer. The code you critique should be sufficiently rich to encompass a wide range of programming constructs, functions, classes, and commands, including manipulation and use of page and/or form elements, different methods of sequence, selection, and iteration, use of classes and objects, use of functions, parameter passing, declaration of variables, comments, and different data types.

## Use JavaScript to add dynamic content to pages: Your code should be clear, maintainable, and well structured, suitably integrated into the web page so that it can be easily modified and maintained.

## The code will be carefully chosen and its use thoroughly justified in the context of the personas and scenarios developed in Unit 1.

## Modify existing JavaScript code to extend and alter its functionality and, where appropriate, to correct errors and cases of poor practice: hand-in-hand with the critique, you will have taken examples of rich coding and modified them in a manner that explicitly fits the needs of your site.

## B

## Accurately describe what the code you select does.

## Critique JavaScript code written by others, identifying examples of both good and bad practice.

## Use JavaScript to add dynamic content to pages.

## Choose appropriate code that is relevant to the scenarios and personas of Unit 1.

## Modify existing JavaScript code to extend and alter its functionality and, where appropriate, to correct errors and cases of poor practice.

## C

## Describe the code in broad terms, mostly accurately.

## Critique JavaScript code written by others, identifying an example or two of good and/or bad practice.

## Use JavaScript to add dynamic content to pages.

## Choose code that does not conflict with the scenarios and personas of Unit 1.

## Small modifications of existing JavaScript code to extend and alter its functionality and minor corrections of errors and cases of poor practice.

## D

## Describe what the code does, perhaps rather broadly and with the odd inaccuracy.

## Critique JavaScript code written by others, identifying at least one example of good or bad practice.

## Use JavaScript to add dynamic content to pages.

## Choose code that is broadly justifiable in terms of the scenarios and personas of Unit 1, but adds little of value to the site.

## Limited or negligible modification of existing JavaScript code to extend and alter its functionality.

## Recommended Grading

The recommended grade for this unit is an A. The scope of my site makes it difficult to add to much existing code others have done without doing the programming myself and taking away from the next Unit, which I feel is the most important part of this course, being worth the most, which to be means it is the most important unit. The JavaScript is implemented on the Reviews section of the site and adds functionality that is clearly linked to the personas in my learning diary. The code is clean and easy to maintain, which is why it was selected. Some time was spent reviewing other options on the internet for a simple search bar, and this was the best one by far. They key to making my site’s design the most functional is simplicity in each regard. The only error that shows up in a validation test is discussed and analyzed (where it is not an error at all, unless you are in the always semi-colon camp). I’m excited to program my own JavaScript and enrich the site and the experience of the visitors.