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| *All questions are 1 point each, except where indicated otherwise.* |

1. Which method of the Math object rounds a value to the next lowest integer?​

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|  | a. | ​ceil() | b. | ​floor() |
|  | c. | ​max() | d. | ​min() |

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| 1. . \_\_\_\_ refers to cleaning up, or reclaiming, memory that is reserved by a program.  |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | Information hiding | b. | Garbage collection | |  | c. | Data collection | d. | Object hiding |  |  |  | | --- | --- | |  |  | |  |  |  1. In order to make a window the active window, you use the \_\_\_\_ method of the Window object.  |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | open() | b. | set() | |  | c. | focus() | d. | active() | |

1. The \_\_\_\_ method is used in JavaScript to execute code after a specific amount of time has elapsed.

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|  | a. | clearInterval() | b. | clearTimeout() |
|  | c. | setTimeout() | d. | startTimeout() |

1. What is the primary difference between the search() method and the indexOf() method?

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| *ANSWER:* | 10 points |

1. Which method returns the element created by the HTML tag pair <p id="​weekend" class="first"></p>?

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|  | a. | ​getElementsByTagName("first") |
|  | b. | ​getElementById("first") |
|  | c. | ​querySelectorAll("first") |
|  | d. | ​getElementsByClassName("first") |

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1. Explain the relationship between the Window object and the Document object.

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| *ANSWER:* | ​  10 points |

1. You use a \_\_\_\_ statement within a try block to specify an error message.

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|  | a. | catch | b. | call |
|  | c. | throw | d. | throws |

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1. The window.alert() debugging method ​results in messages \_\_\_\_.

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|  | a. | ​written to the text of the document being debugged | b. | ​displayed in dialog boxes |
|  | c. | ​displayed in the browser console | d. | ​available only to the JavaScript processor |

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1. The \_\_\_\_ label contains statements that execute when the value returned by the switch statement expression does not match a case label.

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|  | a. | default | b. | else |
|  | c. | break | d. | continue |

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1. What is the difference between syntax errors and run-time errors?

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| *ANSWER:* | 10 points |

1. . Unlike the while statement, the statements in a \_\_\_\_  statement always execute once, before a conditional expression is evaluated.

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|  | a. | do/continue | b. | do/while |
|  | c. | do/until | d. | do/using |

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1. . If you want to execute one set of statements when a condition evaluates to a truthy value and another set of statements when the condition evaluates to a falsy value, you need the \_\_\_\_ statement.

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|  | a. | while | b. | if/else |
|  | c. | do/while | d. | switch |

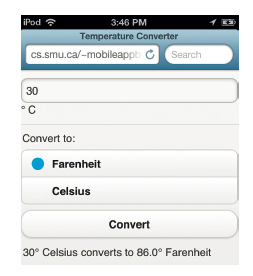
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1. How can you combine text strings with JavaScript?

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1. Write a JavaScript program that converts input temperature from Celsius to Fahrenheit and vice versa.

Present your program to the class and explain the design decisions you have made.



50 points