6-26 In-Class Work Questions

Course/Class: Web Development

Section: COMP 4650-03 and COMP 4650-04

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1. JavaScript is most accurately called a \_\_\_\_ language.

A. markup **C. programming**

B. natural D. scripting

2. The proper syntax for invoking a JavaScript method is to use an object name, followed by the \_\_\_\_ character, followed by the method name.

A. **period ( . )** C. question mark ( **?** )

B. dash ( **-** ) D. colon ( **:** )

3. True or **False**? The text string that is output by the JavaScript write() method cannot be affected by any HTML tags in the Web page.

4. True or **False**? Placing HTML tags inside of script ( <SCRIPT></SCRIPT> ) tags can cause your browser to display an error message.

5. JavaScript’s ability to make a decision is called evaluating a(n) **condition**.

6. Which of the following is NOT a relational operator in JavaScript?

**A. =**  C. !=

B. == D. <=

7. The JavaScript alert() method is part of the \_\_\_\_ object.

A. document C. navigator

B. math D. **window**

8. **True** or False? Calls to alert() and window.alert() can be used interchangeably.

9. True or **False**? The Java programming language is just another name for JavaScript.

10. True or **False**? Since the alert() method and the status property both belong to the window object, they can be used interchangeably.

**Discussion Questions**

11. Do you think it is a good idea to replace all static text strings in a Web page with calls to the JavaScript write() method? Why or why not?

I believe it’s not good idea to replace the static text strings in a web page with calls to the JavaScript write() method. The reason why is simple. In the case of using write() method after an HTML document is completely loaded, it will delete all the existing HTML. The write() method writes the JavaScript code or the HTML expressions, thus, such method method should be mainly used for testing instead.

12. Why is the ability to evaluate a condition such an important feature of the JavaScript language?

Conditional statements are important as they enable us to represent decision making in JavaScript. Decisions ranging from the choice that must be made to the outcome of those choices. Evaluating a condition enables JavaScript to make decisions, then carry out actions accordingly based on the user input.

13. What factors should you consider when deciding to use the alert() method or the status line in your JavaScript code to interact with the user?

The alert box is displayed via an alert() method. Inside the alert box, there is a specified message and an OK button. In the case of the user wanting to make sure the information comes through to the other user, then the alert box will often be used. The alert box forces the browser to read the message, and it (alert box) also takes away focus from the current window. It’s important not to overuse the alert() method, because it will prevent the user from accessing other parts of the page until the box is close.