

Signature \_\_\_\_\_

Name \_\_\_\_\_

Student ID \_\_\_\_\_

cs3x \_\_\_\_\_

Score: \_\_\_\_\_

**Quiz 3**  
**CSE 3**  
**Summer 2006**

Fill in the blanks.

1. A random number generated by `Math.random()` in JavaScript is always between \_\_\_\_\_ and \_\_\_\_\_.
2. \_\_\_\_\_ is the term commonly used to refer to values represented in base 2.
3. To group multiple statements together to form a block (group of statements) associated with a JavaScript `if` or `for` statement or a function you use \_\_\_\_\_.
4. Spreadsheet formulas start with \_\_\_\_\_.
5. The equality operator/symbol in JavaScript is \_\_\_\_\_.
6. Variables declared inside a function are \_\_\_\_\_ in scope.

**Circle** the correct answer.

7. Which of the following iterates 10 times?  
A. `for (i = 1; i <= 11; i = i + 1)`  
B. `for (i = 10; i >= 0; i = i - 1)`  
C. `for (i = 0; i < 10; i = i + 1)`  
D. all of the above
8. In JavaScript, the plus sign always means:  
A. add 1  
B. addition  
C. concatenation  
D. B or C
9. Which of the following is the correct form to specify a range of cells in a spreadsheet like Excel:  
A. 2B:5F  
B. C3-E8  
C. K9:N11  
D. G4/J9

(Over)

10. Which of the following is the correct form to specify absolute column F and relative row 4:
- A. F\$4
  - B. 4@F
  - C. \$F4
  - D. @4F
11. `i++` in JavaScript means:
- A. add 1 to `i` and store the result in `i`
  - B. add the value of `i` to itself and store the result in `i`
  - C. string concatenate with the plus sign
  - D. check to see if `i` is positive
12. Given the assignment `document.X.Y.Z = 420`; which of the following naming is correct:
- A. attribute X in form Y in input element Z on this document
  - B. input element X in form Y with attribute Z on this document
  - C. attribute document in input element X on form Y in table Z on this html page
  - D. attribute Z in input element Y in form X on this document
13. All of the following are illegal JavaScript identifiers (variable or function names) except:
- A. Nine\_To\_Five
  - B. 9-To-5
  - C. 9\_2\_5
  - D. Nine->Five
14. In JavaScript, `18%5` is:
- A. the same as `18/5`
  - B. 18 percent times 5
  - C. 2
  - D. 3
15. Output directly onto a Web page from JavaScript (as if it was HTML code typed in directly onto a Web page) is done with:
- A. `document.alert()`
  - B. `document.print()`
  - C. HTML tags like `<form>`
  - D. `document.write()`
16. The question(s) you would most like to see on the Final Exam is: