

Name _____

Quiz #2

1. Inside which HTML element do we put the JavaScript? (Circle one)
 - a. `<script>`
 - b. `<javascript>`
 - c. `<scripting>`
 - d. `<js>`

2. When a programming language is strongly typed: (Circle one)
 - a. The compiler checks if values assigned to variables are the correct type
 - b. The run-time system checks if values assigned to variables are the correct type
 - c. The browser checks if values assigned to variables are the correct type
 - d. No type checking need be done
 - e. None of these

3. What is the correct way to write a JavaScript array? (Circle one)
 - a. `var txt = new Array("tim","kim","jim")`
 - b. `var txt = new Array(1:"tim",2:"kim",3:"jim")`
 - c. `var txt = new Array="tim","kim","jim"`
 - d. `var txt = new Array:1=("tim")2=("kim")3=("jim")`

4. The following are *always* objects in Javascript: (Circle all that apply)
 - a. Numbers
 - b. Strings
 - c. Arrays
 - d. Functions
 - e. Parameters

5. The Document Object Model (DOM): : (Circle all that apply)
 - a. Is an internal map of all the objects that exist on a web page
 - b. Defines the interface between HTML and application programs
 - c. Binds HTML tags as Javascript objects and HTML tag attributes as Javascript properties
 - d. Defines a hierarchical structure of the objects on a web page
 - e. Attempts to be a successor to DHTML

6. DHTML is
 - a. HTML 4 with tags for creating dynamic pages
 - b. HTML 4 +CSS + Javascript
 - c. Simple HTML 4 used in a dynamic way
 - d. HTML 4 + Applets
 - e. None of these

7. What is the correct JavaScript syntax for opening a new window called "window2"?
 - a. `window.open("http://www.wpi.edu","window2")`

- b. `new("http://www.wpi.edu","window2")`
- c. `open.new("http://www.wpi.edu","window2")`
- d. `new.window("http://www.wpi.edu","window2")`

8-10. Consider the following:

```
<html> <head> <title> quiz this </title>
<script>
  function mystery4 (object)
  { document.write ("I am " + object);}
</script>
</head>
<body>

<FORM NAME="Mystery">Form name:
  <INPUT NAME="text1" TYPE="text" VALUE="Mystery 1"><P>

  <INPUT NAME="button1" TYPE="button" VALUE="Mystery 2"
  onClick="this.form.text1.value=this.form.name">

  <INPUT NAME="button2" TYPE="button" VALUE="Mystery 3"
  onClick="this.form.text1.value= mystery4(this.value)">

</FORM>
</body>
</html>
```

8. Show the screen when the page is first loaded

9. Show the screen when the leftmost button is pressed

10. Show the screen when the rightmost button is pressed