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Welcome Yuzhan Jiang from SI 664 001 WN 2022

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1. ✓

Where does the following JavaScript code execute?

```
<p>One Paragraph</p>
<script type="text/javascript">
document.write("<p>Hello World</p>")
</script>
<p>Second Paragraph</p>
```

- ☐ In the network
- ☐ In the database server
- ☒ In the browser
- ☐ In the web server

2. ✓ What happens when JavaScript runs the alert() function?

- ☐ JavaScript checks to see if there are any unprocessed events
- ☐ JavaScript pops up a dialog box and execution continues until the </alert> tag is encountered
- ☒ JavaScript execution is paused and a dialog box pops up
- ☐ A message is sent back to the Django code to be logged on the server

3. ✓ Which of the following is not a way to include JavaScript in an HTML document?

- ☐ By including a file containing JavaScript using a <script> tag
- ☐ On a tag using an attribute like onclick=" "

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Done ☒ By including the code the <?javascript and ?> tags

☐ By including the code between <script> and </script> tags



4. ✓

In the following code, what does the "return false" accomplish?

```
<a href="js-01.htm" onclick="alert('Hi'); return false;">Click Me</a>
```

☐ It sets the default for the alert() dialog box

☐ It is necessary to insure that the onclick code is at least two lines of code

☒ It keeps the browser from following the href attribute when "Click Me" is clicked

☐ It suppresses the pop up dialog that asks "Are you sure you want to navigate away from this page?"

5. ✓ What happens in a normal end-user's browser when there is a JavaScript error?

☐ JavaScript logs the error to the Django error log

☐ JavaScript skips the line in error and continues executing after the next semicolon (;)

☒ Nothing except perhaps a small red error icon that is barely noticeable

☐ JavaScript prints a traceback indicating the line in error

6. ✓ Where can a developer find which line in a web page of JavaScript file is causing a syntax error?

☐ By looking at a file on the hard disk of the system where the browser is running

☐ Do a "View Source" to see the HTML source code

☒ In the developer console in the browser

☐ In the Django error log

7. ✓

What does the following JavaScript do?

```
console.log("This is a message");
```

☐ Puts the message in the Django console log

☐ Sends the message to console.log.com

☒ Puts the message in the browser developer console and continues JavaScript execution

☐ Puts the message in the browser console and pauses JavaScript execution

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8. ✓ Which of the following is not a valid comment in JavaScript?

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- ☐ /* This is a comment */
- ☒ # This is a comment
- ☐ // This is a comment



9. ✓ Which of the following is not a valid JavaScript variable name?

- ☐ \$_DATA
- ☐ \$_data
- ☐ _data
- ☒ 3peat
- ☐ \$data

10. ✓ What is the difference between strings with single quotes and double quotes in JavaScript?

- ☐ Single quoted strings do not treat \n as a newline
- ☐ Double quotes strings cannot be used in JavaScript
- ☒ There is no difference
- ☐ Double quoted strings so variable substitution for variables that start with dollar sign (\$)

11. ✓

What does the following JavaScript print out?

```
toys = ['bat', 'ball', 'whistle', 'puzzle', 'doll'];  
console.log(toys[1]);
```

- ☐ doll
- ☐ puzzle
- ☐ bat
- ☒ ball
- ☐ whistle

12. ✓

What value ends up in the variable x when the JavaScript below is executed?

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`x = 27 % 2;`☐ 2☒ 1☐ 13.5☐ 27☐ 54☐ 0

13. ✓ What is the meaning of the "triple equals" operator (===) in JavaScript?

☐ Both sides of the triple equals operator are converted to boolean before comparison☐ Both sides of the triple equals operator are converted to string before comparison☒ That the values being compared are the same without any type conversion☐ Both sides of the triple equals operator are converted to integers before comparison

14. ✓ How do you indicate that a variable reference within a JavaScript function is a global (i.e. not local) variable?

☐ Use the keyword "var" to declare the variable in the function☐ Use the keyword "global" when declaring the variable outside the function☒ Nothing - simply declare the variable globally before the function definition in the code☐ Use the keyword "global" to declare the variable in the function