Quiz Submissions - CS571 Spring 2022: Web Technologies Exam 2



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Attempt 1

Written: Apr 26, 2022 6:00 PM - Apr 26, 2022 6:40 PM

Submission View

Released: Apr 27, 2022 8:00 AM

JOuery Questions

2/2 points **Question 1**

[2 points] Which of the following objects are abstracted by ¡Query? Select all that apply.

- DOM
- **JSON**
- **XMLHttpRequest**

Question 2 2 / 2 points

[2 points] What is the jQuery code that corresponds to the following DOM code?

var kids = n.childnodes;

- kids = \$("body").childnodes();
- kids = \$("body").children();

Question 3 2/2 points

[2 points] What type of selector is the 'element' selector, as in the following example:

\$("div").css("border", "9px solid red");

Basic selector

Basic Border selector

Basic Filter selector

Question 4 2 / 2 points

[2 points] Which of the following selectors are part of the Basic Filter selectors category? Select all that apply.

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:header selector	
:multiple selector	
Question 5 2 /	2 points
[2 points] Which of the following selectors are part of the Basic selectors category? Sthat apply.	Select all
Form	
✓ Element	
✓ Multiple	
Question 6 2 /	2 points
[2 points] Consider the following CSS, jQuery and HTML. Will the image properties be changed by the jQuery code?	à
.bigImg {	
<pre>border: 1px solid black; }</pre>	
<pre>\$("img.userIcon").load(function() { if (\$(this).height() > 100 { \$(this).addClass("bigImg");</pre>	
<pre>});</pre>	
<pre><body> </body></pre>	0"
True	
✓ False	
REST Questions	

Question 7 1.5 / 2 points

[2 points] When comparing REST with other Web Services approaches, what statements are TRUE? Select all that apply.

⇒ ✓ A) REST is popular because of its simplicity.

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~	B) Simple Object Access Protocol is simpler than XML-RPC and JSON-	RPC.
⇒ 🗶	C) XML-RPC protocol and REST use HTTP as a transport.	
⇒ ✓	D) SOAP APIs are very robust	
Question 8	3	1 / 1 point
[1 Point] response	In REST Web Services, except in very specific cases, HTML is not accept format.	able as a
✓ ○ A	n) True	
() B	3) False	
Question 9		1 / 1 point
[1 Point]	In REST Web Services, POST and PUT may be used for "updating" items.	
•	S) False	
Question 1	10	1 / 1 point
[1 Point]	In REST Web Services, select the best URI.	
✓ ○ A)	http://www.parts-depot.com/parts/00345	
(B)	http://www.parts-depot.com/parts?part-id=00345	
Question 1	11	1 / 1 point
[1 Point]	In REST Web Services, POST requests should be used for creation of dat	a.
✓ () A	n) True	
В	3) False	
HTML5 Qu	uestions	
Question 1	12	2 / 2 points
[2 points]	Which of the following are removed elements in HTML5? Select all that	apply.
✓ en	nhad	
	nbed	

1St Half Course Questions

Question 14 2/2 points

[2 Points] Select all statements that are true of JSON. Select all that apply.

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✓ You can receive pure text from a server and use it as a JavaScript object	
✓ The JSON format is syntactically similar to the code for creating JavaScri	pt objects
✓ JavaScript has a built in function for converting JSON strings into JavaSc	ript objects
✓ JavaScript has a built in function for converting a JavaScript object into a	JSON string
✓ JavaScript has a built in function for converting an XML object into a JSC	N string
Question 15	2 / 2 points
[2 Points] Consider the following Python code:	
<pre>>>> x = "awesome" >>> def myfunc(): >>> global x >>> x = "fantastic" >>> myfunc() >>> print("Python is " + x)</pre>	
What gets printed?	
✓ A) Python is fantastic	
B) Python is awesome	
▶ View Feedback	
Question 16	2 / 2 points
[2 Points] What is the purpose of the HSTS header?	
✓ A security feature that lets a web site tell browsers that it should only be communicated with using HTTPS	
A performance feature that improves caching of web pages	
A feature used to indicate whether or not a browser should be allowed to page in a <frame/> or <iframe>.</iframe>	render a

Question 17 1 / 2 points

[2 Points] Consider the following example from w3schools.com.

```
<!DOCTYPE html>
< ht.ml>
<head>
<style>
.flex-container {
  display: flex;
  flex-direction: column;
  background-color: DodgerBlue;
}
.flex-container > div {
  background-color: #f1f1f1;
  width: 100px;
  margin: 10px;
  text-align: center;
  line-height: 75px;
  font-size: 30px;
</style>
</head>
<body>
<h1>Hello Flex!</h1>
<div class="flex-container">
  <div>1</div>
  <div>2</div>
  <div>3</div>
</div>
</body>
</html>
Select all the actual behaviors of this code. Select all that apply.
```

- Boxes are stacked horizontally
- All grey boxes are "squares"
- All numbers, 1 through 3, are flush left
- Number "1" is centered on grey box
 - View Feedback

Question 18 2 / 2 points

[2 Points] Consider the following example from w3schools.com.

```
<!DOCTYPE html>
<html>
<body>
Click the button to create a Text Node.
<button onclick="myFunction()">Try it</button>
<script>
function myFunction() {
 var t = document.createTextNode("Hello World");
 document.body.appendChild(t);
}
</script>
</body>
</html>
```

What happens when one clicks the "Try it" button?

- Hello World is printed above the Try It button
- Hello World is printed next to the Try It button
 - Hello World is printed below the Try It button

Question 19 2/2 points

[2 Points] Consider the following example from w3schools.com.

```
<!DOCTYPE html>
<html>
<body>
<script>
const myObj = {name:"John", age:30, city:"New York"};
document.getElementById("demo").innerHTML = myObj.name;
</script>
</body>
</html>
```

What is displayed in the browser window?

```
John
```

```
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   res.json({msg: 'This is CORS-enabled for all origins!'})
 });
 app.listen(80, function () {
   console.log('CORS-enabled web server listening on port 80')
 });
 What code is missing to use CORS?
       cors.use(cors());
       app.send(cors());
       app.use(cors());
       app.load(cors());
Question 24
                                                                           2/2 points
 [2 points] Select which of the following is true of React. Select all that apply.
       Is a framework like Angular
       Does not implement MVC
Question 25
                                                                           2/2 points
 [2 Points] Consider the following Express code.
 var express = require('express');
 var app = express();
 //respond with "hello world" when a GET request is made to the
 homepage
 app.get('/', function (req, res) {
   << missing code>>
 });
 //server listening on port 3000
 app.listen(3000);
 What code is missing to display "Hello Word" in a browser?
       res.end('Hello World')
       res.open(); res.send('Hello World')
       res.send('Hello World')
```

req.send('Hello World')	C Viterbi School of En
Serverless Questions	
Question 26	2 / 2 points
[2 Points] Consider the following code snippet.	
/**	
<pre>* Responds to any HTTP request. *</pre>	
<pre>* @param {!express:Request} req HTTP request context * @param {!express:Response} res HTTP response conte */</pre>	
<pre>exports.helloWorld = (req, res) => { let message = req.query.message req.body.message 'Hello World!';</pre>	11
res.status(200).send(message); };	
What is it?	
✓ A Google Cloud Function	
An AWS Lambda function	
Question 27	2 / 2 points
[2 points] Which of the following are true of AWS Lambda? Select all that apply.	
Functions can be triggered by events	
Cost of idle time is small	
Functions and classes are unit of deployment	
✓ Does not have servers behind it	
Question 28	2 / 2 points
[2 points] Select the components of a Microservice. Select all that apply.	
a Container	
a REST endpoint	
✓ a FaaS	
✓ a data store	

Question 29 2/2 points

[2 Points] Consider the following code snippet.

```
exports.handler = async (event, context) => {
    let body;
    let statusCode = '200';
    const headers = {
        'Content-Type': 'application/json',
    };
    try {
        switch (event.httpMethod) {
            case 'DELETE':
                body = await
dynamo.delete(JSON.parse(event.body)).promise();
                break;
            case 'GET':
                body = await dynamo.scan({ TableName:
event.queryStringParameters.TableName }).promise();
                break;
            case 'POST':
                body = await
dynamo.put(JSON.parse(event.body)).promise();
                break;
            case 'PUT':
                body = await
dynamo.update(JSON.parse(event.body)).promise();
                break;
            default:
                throw new Error (`Unsupported method
"${event.httpMethod}"`);
        }
    } catch (err) {
        statusCode = '400';
        body = err.message;
    } finally {
        body = JSON.stringify(body);
    }
    return {
        statusCode,
        body,
        headers,
    };
};
```

What is it?

An AWS Lambda function

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High-Performance Websites Questions	
Question 30 0.8 / 2 point	:s
[2 Points] Select all reasons why you should make JavaScript and CSS files external. Select all that apply.	
➡ 🗶 Helps "brand" a site	
⇒ ✓ Both can be cached	
★ Help compression	
★ Helps minification	
⇒ ✓ Both can be shared on multiple HTML files	
Question 31 2 / 2 point	:S
[2 points] Select the <u>types of files</u> should be compressed to improve web site performance. Select all that apply.	
JPG files	
Minified JavaScript files	
✓ PDF files	
✓ XML files	
✓ Text files	
JSONP files	
Cookies and Privacy Questions	
Question 32 1.2 / 2 point	:S
[2 points] Select all ways to "opt out" of cookies. Select all that apply.	
Select "do not track" in browser	
⇒ 🗶 Change account Preferences on registration sites	
Install browser extensions	

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⇒ ×	
→ ✓ Use cookie management tool in browser	
Question 33	1.714 / 2 points
[2 points] Which of the following are different types of cookies?	Select all that apply.
Conversion-tracking cookies	
Non-secure cookies	
Client-side cookies	
⇒ ✓ Server-side cookies	
Persistent cookies	
Fourth-party cookies	
Non-secure cookies	
Question 34	2 / 2 points
[2 points] Select all true properties of cookies. Select all that ap	ply.
Secure cookies are erased when the user closes the bro	wser
✓ Http Only cookies are invisible to JavaScript	
Persistent cookies may not be deleted	
Cookies can track your IP address	
Cookies can store any information you provide to a site	
Web Security Questions	
Question 35	2 / 2 points
[2 points] Which of the following are authentication attacks?	
Insufficient Authentication	
✓ Weak Password Recovery Validation	
✓ Brute Force Attacks	
Cross-Site Request Forgery (CSRF)	
Content Spoofing	

Cross Site Request Forgery (CSRF)

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A) False means the request will be executed asynchronously. It is bad because the

77/22, 10:18 AM	: Quiz Submissions - CS571 Spring 2022: Web Technologies Exam 2 - CSCI571 - 20221 - Web Technologies - USC Viterbi School of En flow of the application gets disrupted and the order of code execution becomes ambiguous
(B)	False means the request will be executed asynchronously. It is bad because it breaks form validation
() c)	False means the request will be executed synchronously. It is bad because a time-consuming synchronous request on the main thread will crash the browser.
✓ □ D)	False means the request will be executed synchronously. It is bad because a time-consuming synchronous request on the main thread will degrade UX.
View	, Feedback
Question 4	9 1 / 1 point
[1 Point] \ JSON?	What are solutions to the cross-domain issue for resources such as JavaScript of
(A)	Use a server "proxy"
(B)	Use CORS, if available from the server side
() C)	Access exclusively resources in the same domain
✓ D)	All of the above
View	r Feedback
Question 5	0 1 / 1 point
[1 Point] \	What are the main differences between Ajax and the "classic" application model?
(A)	In classic model, the web server responds with CSS and HTML
(B)	In Ajax, the Ajax engine builds the HTML and CSS
() C)	In Ajax, the server sends XML or JSON data
✓ □ D)	All of the above
View	v Feedback

Question 51	1 / 1 point
[1 Point] What variable is available to us inside the xhttp.onreadystatechange order to check the state of our request?	callback in
A) this.currentState	
✓ B) this.readyState	
C) this.state	
D) this.currentStatus	
▶ View Feedback	
Question 52	1 / 1 point
[1 Point] Which of the following is not true about AJAX?	
A) JQuery includes the same functionality as AJAX	
B) AJAX can be performed on submission of a form by adding the onsu parameter in the form tag	bmit
✓ C) AJAX must be performed in your remote script	
D) AJAX uses XMLHttpRequest to communicate with the server	
Responsive Website Design (RWD) Questions	
Question 53	1.5 / 2 points
[2 points] Select valid reasons why hosting a mobile.myconpany.com website i recommended. Select all that apply.	is not
⇒ X It hinders search engines	
➡ ✓ It requires redirect	
Requires duplication of content	
✓ It is not approved by ICANN	

Question 54 2/2 points

[2 points] Select RWD usability guidelines on mobile devices.
✓ use single or two columns
✓ maximize text entry
✓ change navigation
reduce amount of content
Question 55 2 / 2 points
[2 Points] The major difference between different versions of Bootstrap is the number of grid tiers.
✓ a) True
b) False
Question 56 2 / 2 points
[2 points] Consider the following media queries:
<pre><link href="css1.css" media="only screen and (min-width:320px) and (max-width: 760px)" rel="stylesheet"/></pre>
<pre><link href="css2.css" media="only screen and (min-width:761px) and (max-width: 1100px)" rel="stylesheet"/></pre>
What different device sizes they fail to support? Select all that apply.
Devices with small screens
Devices with large screens
Question 57 2 / 2 points
[4 points] Select which concepts are the basis of Responsive Website Design. Select all that apply.
flexible images
fluid grids
CSS3 media queries
content reduction

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Attempt Score:90.05 / 100 - 90.05 %

Overall Grade (highest attempt):90.05 / 100 - 90.05 %

Done