6/26/2020 Final Exam | JavaScript Foundations Courseware | Gymnasium

JAVASCRIPT FOUNDATIONS

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Set Started	FINAL EXAM (100/100 POINTS)
esson 1: JavaScript Basics	
Lesson 2: More JavaScript Basics	CONGRATULATIONS!
	Congrats on completing the course and passing the final exam.
Lesson 3: The DOM (Document	
Object Model)	You really know your stuff! Now show off to your network by sharing your badge on LinkedIn. You can access it right from your Dashboard.
Lesson 4: Creating Elements,	The train four Bushould.
Fragments & Templates	View Your Badge
Lesson 5: Server Communication	
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Lesson 6: Advanced Concepts	courses and let us know how we're doing.
Final Exam	Take Our Survey
Final Exam	
	You're ready for your final exam!
	Remember:
	The exam is not timed.

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    You need a score of 85% or higher to receive a Certificate of Excellence.

 Instructions:
 • You have two attempts to pass the exam. You may press Save at any time to save your answers indefinitely.
 • When you're ready to submit your answers, press Check. You will see which answers you got right or wrong, and your grade will
    be at the top.
  • If your score is 85% or higher, you will receive a Certificate of Excellence automatically.
   • If your score is less than 85%, you may go back one more time to try for a passing grade. Take time to study your incorrect
    answers and reread the course material as needed. When you're ready, revise your answers and press Final Check. You'll see a
    notification whether you've passed or not.
 Good luck!
 1) To develop JavaScript, you need the following tools:
A text editor and a web browser

    A JavaScript compiler and linker

  ○ The jQuery library
  O All of the above
 2) According to the instructor, where is the best place to put your JavaScript code for a web page?
  O Inline in the element it will be associated with
  ^{igcirc} Within a script tag on the page
✓ ■ In an external JavaScript file
  O All of the above
 3) Which of the following is a valid variable name? (Check all answers that apply)
  ☐ var function;
 var name;
   ✓ var _name;
   var 2name;
   var name2;
 4) Consider the following code:
   var count = 0;
   count += 5;
   count++;
   count /= 2;
   --count;
 What value will count now hold?
\circ 3
 5) What does a breakpoint do?
   O Forces the program to crash, "breaking" it
   O Causes the program to end immediately
Pauses the program on the line where the breakpoint is placed
   O Logs the values of the variables on the line where the breakpoint is placed
 6) What is the top-level DOM object in JavaScript?
  O html
Odocument
   Opage
 7) How would you best change the background color of an element to red?
  O element.backgroundColor = "red";
  element.style.background-color = "red";

✓ 

    element.style.backgroundColor = "red";

  O element.backgroundStyle = "red";
 8) What does it most likely mean if you see the letters "NaN" show up anywhere in your application or the console?
  O A network error
   O You are trying to access a null value
   O You are attempting to call a method on a non-existing object
✓ ● You are trying to perform a mathematical operation on a non-number
 9) In the following code, what is the value of the variable named "item" after the code executes?
   var list = [7, 14, 12, 21, 6],
      index = 3,
      item = list[index];
   O 12
   undefined
 10) What keyword is used within an object method to refer to the object that method is attached to?
   Oself
 Oobject
```

```
O method
 11) Which is the correct syntax to create a paragraph element?
 CreateElement("p");
  O document.createElement("paragraph");
  document.createElement("");
```

12) How would you insert a variable mustache tag to be replaced with the date property of a data object?

×

O {date}

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ı	Final Exam JavaScript Foundations Courseware Gymnasium
∕ ⊚	{{date}}
0	{{date()}}
13) \	What is an advantage to using a templating engine?
0	Writing a template is easier than writing a bunch of code to create and add individual elements
0	Templates are designed to work with data objects and arrays like you'll often get back from web services
0	Templates could be reused across different parts of a site or even different sites
/	All of the above
44)	NA/hat da van knam if van get an in a san
0	What do you know if you get an Access-Control-Allow-Origin error? JavaScript on one domain is trying to contact a server on another domain
0	JavaScript being run from the file system is trying to contact a server on the web
	Settings on the server have not allowed cross-domain server communication
7 •	All of the above
15)	In the following server URL, what is the query string?
ht	tp://api.openweathermap.org/data/2.5/weather?q=Boston,ma&units=imperial
0	
	/data/2.5/weather
0	
	/data/2.5/weather?q=Boston,ma&units=imperial
V •	
	q=Boston,ma&units=imperial
	units=imperial
16)	What is the best strategy for sending large amounts of data or sensitive data such as passwords v
a se	erver request?
	Compress the data before putting it in a query string
7 0	Use a POST type request
	Use HTTPS in the URL
	Encrypt the data before putting it in a query string
17) √	What is one difference between JSON and regular object syntax in JavaScript? Property names in JSON must be contained in double quotes
0	JSON cannot have nested objects
0	JSON cannot represent arrays
0	Strings are not quoted in JSON
18)	What is a potential drawback to declaring global variables? It is an experimental feature and could change
0	Once a global variable is declared, its value cannot be changed
√ ⊚	Another developer could declare a global variable with the same name and break your code
0	There are no downsides
19)	In MVC, what is the View responsible for? Check all answers that apply. Rendering some or all of the model's data
✓	
	Capturing the behavior of the application
	Storing data that is retrieved by the controller
•	
20) \	What is binding?
0	An easy way for a model to fetch data from a web service
0	A way of preventing variables from changing their values
	A very of trying the state of a user central to the value of a data chiest
	A way of tying the state of a user control to the value of a data object
	INAL CHECK SAVE You have used 1 of 2 submissions
F	THE STEEK SATE
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