

## Career Services Assignment 3 – Java Flash Cards

Front of Card	Back of Card
1. What is JavaScript?	JavaScript is a client-side scripting language,
	and is primarily used for enhancing interactions
	With a webpage.

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2. What are the differences between Java and	JavaScript is a coded program that can be used
Javascript?	within HTML pages.The two languages are not
	interdependent, and are designed for different intents.

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3. What are JavaScript data types?	Numbers, Strings, Booleans, Objects, and Undefined.

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4.What are Undeclared and Undefined variables?	Undeclared variables are variables that do no exist in the
	code and are therefore undeclared. If attempting to run said
	code, it will encounter a runtime error.
	Undefined variables are variables that have been declared
	In a program, but have not been assigned a value. Unless
	assigned a value throughout the code, the variable will
	return, "Undefined".

Front of Card	Back of Card  Netscape originally developed JavaScript.
5. What company developed JavaScript?	Netscape originally developed JavaScript.

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6. What is a prompt box?	A prompt box is a box that allows the user to enter input
	via the provided text box.

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7. What is 'this' keyword in JavaScript?	'this' keyword refers to the object from where it was called.

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Which symbol is used for comments in JavaScript?	// is for single line comments, /* */ for multi-line.

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The === operator is called a strict equality operator, which
returns true when the two operands have the same value
without conversion.

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10. In JavaScript, what are the differences between the	The keyword var is function scoped, allowing it to be used
var and let keywords?	anywhere within a given function. However the let keyword
	is restricted to the block of code it was declared in.

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11. Is JavaScript a statically typed or dynamically typed	JavaScript is dynamically typed, and variable types
language?	checked during run time.

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12. What is a Self Invoking Function?	Without being requested, a self-invoking function is
	Automatically initiated. A function expression followed by
	() will execute automatically.

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13. What are Callbacks?	A callback is a function that will be executed after another
	function is executed. A callback is entered into a function's
	arguments at the end of the list of arguments.

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14. What are the types of errors in JavaScript?	There are syntax errors, which are mistakes or spelling
	issues which cause the code to stop running. There are
	Also Logical errors, where the syntax is correct but the
	logic or program is incorrect.

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15. What are classes in JavaScript?	Classes, which were introduced in ES6, are essentially
	blueprints you can create when you want to make several
	identical objects.

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16. How many different methods allow you to create an object?	You can use the Object method, Classes, create method, Object literals, using Function, and object Constructor.
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17. What are arrow functions?	Arrow functions are a simple way of allowing us to declare
	a function with less syntax.

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18. What is the purpose of the array.splice method?	
	remove items to or from an array, and then returns
	the removed item.

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19. What is the purpose of the array.slice method?	
	elements in an array as a new array object.

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20. What is the difference between splice and slice	
	does. Slice also returns the subset of the original
	array, while splice returns the deleted elements of
	an array.