Career Services Assignment 3 – Java Flash Cards

Points possible: 50

Category	Criteria	% of Grade
Completeness	All requirements of the assignment are complete.	100

Instructions: Research common JavaScript interview questions online and create 20 flash cards from the information you find. Study your flash cards regularly to better prepare for interviews. Fill out the table below with the information you put on each of your flash cards.

Front of Card	Back of Card

Explain how "this" works	"This" is a keyword that acts as a reference to the context object. The value changes, depending on what context you are using.
	
	Cases:
	    -you can access its properties through dot notation
	    -if you use the keyword 'new' to create an instance, then 'this' is bound to the instance and not the function
	    -if you use call and apply, you get to decide what 'this' is bound to

What is the use of isNaN	isNaN function returns true if the argument is not a number, otherwise it is false
Give me 5 examples of string manipulation	match() slice() splice() replace() concat()
Who developed JavaScript	The software company - Netscape
Give me 5 examples of array manipulation	concat() join() pop() sort() index()
What symbol is used for commenting in JavaScript	//is for single line /* is for multi-line comments */
What is a basic object	Array Properties / Methods Boolean Properties / Methods Math Properties / Methods

	Number Properties / Methods String Properties / Methods
What are some OOP Concepts	Abstraction Encapsulation Inheritance Polymorphism Class Object
What is a variable	Variable is used to assign a number to a variable, which can also be assigned to a string i = 10; i = "string";
What is Abstraction	Generalize the implementation details - Expose only what you need i.e. Espresso vs Drip vs Keurig --- They can all make() coffee
What would 3+2+"7"?	3 and 2 are integers, so they would be added numerically. 7 is a string (because of the "") which makes it concatenated so the answer would be 57
What is Encapsulation	This is the process or method to contain the information – problems are solved at the implementation level.
What is Inheritance	Adds features or modifies functionality
What is a pop()method	This is similar to the shift()method but this takes from the last element off of the given array and returns it
What is Polymorphism	Allows different objects to respond or act in different ways to the same input or output.
Which keywords are used to handle exceptions	Try Catch Finally
Classes are what	Class is a "blueprint" that is used to create an 'object'. One blueprint can make an infinite number of objects
What is the push method	This is used to add or append one or more elements to an Array end.
What is JavaScript	JavaScript is a client-side / server-side scripting language that you put into HTML and is understood by web browsers.
What is for-in loop	The for-in loop is used to loop through properties of an object