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
What are the different data types in JavaScript?	String, Number, Boolean, BigInt, Undefined, Null, Symbol
What is the difference between " == " and " === "	" == " compares values, where " === " compares values and datatype.
What is the difference between var and let?	Var you can use inbetween different functions scope, while let doesn't transfer between other functions scope.
What is the NaN property?	It means "not a number"
Explain what a higher order function is	It's a function that operates on another function. It could be a function inside of a function or a method like .reduce
Explain the "this" keyword	"this" refers to the object that the function is a property of.
What are the types of JavaScript errors?	Syntax errors (spelling mistakes) and logical errors (syntax is proper, but the code/programming is incorrect.
What method is used to retrieve a character from a certain index?	.indexOf
What are Classes in JavaScript?	They're ways to declare a constructor function – a short version of giving new variables objects.
What is the DOM?	Document Object Model – programming interface for HTML/XML documents.
Is JavaScript a statically typed or dynamically typed language?	Dynamically – We do not need to assign variables when they're created – the language assumes based on syntax.
What are the primitive data types in JavaScript?	String, number, Boolean, undefined, null

Why do we use the word debugger in JavaScript?	There is no built in debugger for JavaScript. We must switch a debugger on/off and self-report faults/errors.
Explain Implicit Type Coercion in Javascript	The idea that two different datatypes can "coerce" the other into one datatype. (ex: var x=3; var y="3", x+y // returns "33"
Explain Hoisting	Hoisting is the default behavior of JavaScript where all the variables/function declarations are moved to the top of the code. (global/local scope)
What does the concat method do?	It's used on two different arrays to combine them into one.
What does the .forEach method do?	It's a higher order function used on arrays that will execute a function on every element in the provided array.
What does the .filter method do?	It's a higher order function that will take a condition and return a new array with elements that fulfilled that condition
What does the .indexOf method do?	It's used on an array, and takes an argument to look through that array for the argument – then returns it's indexed position. -1 if it's not found.