PROMINEO TECH

Career Services Assignment 3 – Java Flash Cards

Instructions: Research common Java 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 features of Java?	OOP concepts, platform independence, high performance, and multi-threaded.
Name the Java IED's	Eclipse and NetBeans are the IED's of Java
What is a class?	All Java codes are defined in a class, it has variables and methods.
What are the OOPs concepts?	Abstraction, Encapsulation, Inheritance, Polymorphism.
What is the meaning of collections in Java?	Collection is the framework that is designed to store the objects and manipulate the design to store the object.
What are the default values for local variables?	The local variables are not initialized to any default value, neither primitives nor object references.
Differentiate between break and continue?	Break is used with both loop and switch statements, and it terminates the loop or switches back. Continue used with only loop statements and it does not terminate but skips to the next iteration.
What is an object?	Object is an instance of a Java class.
What is the difference between static and dynamic loading?	Static class loading involves the creation of objects and instances using the keywords, and dynamic class loading is done when the name of the class is not known at compile time.
What is multi-Threading?	Multi-Threading is a programming concept used to run multiple tasks in a concurrent manner within a single program.
When and by whom was Java Developed?	1995 by James Gosling in sun MircoSystem
What does JDK, JRE and JVM stand for?	JDK- Java Development kit JRE- Java Runtime Environment JVM Java Virtual Machine
What is a package?	A package is a collection of related classes and interfaces.

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Define JSON	JSON is an acronym for JavaScript object notation
Explain garbage collection in Java	When an object is no longer used or referenced, garbage collection is called and the object is destroyed automatically
Are Arrays of Primitive data type?	No, in Java Arrays are objects
What are the 3 types of Loop in Java	For Loops, While Loops, and Do while Loops
What is an infinite Loop?	Infinite loop that runs without any condition and runs infinitely.
What's the base class in Java from which all classes are derived?	java.lang.object
Can a dead thread be started again?	A thread which is in a dead state can't be started again. It's impossible to restart a dead thread.