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 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 is Java?	High-Level programming language
What are the features of JAVA?	Objected-oriented platform independent high performance
Name Java IDE's	Eclipse Visual Studio Code IntelliJ
What is a Class?	All java codes are defined in a Class it has variables and Methods.
What is an Object?	An object is an instance of a Class.
What are OOPs concepts?	Inheritance Encapsulation Polymorphism Abstraction Interface
What is Inheritance?	One Class can extend to another.
What is Encapsulation?	Protects code from others
What is Polumorphism?	A single object can refer to the super-class or sub-class depending on how it is called
What is meany by Interface?	Multiple inheritances cannot be achieved in Java. It has the method deceleration but the implementation is in the class.
What is a String Builder?	Used to modify a string before writing it to memory where it can not be changed.
What is a collection?	Used to store multiple objects and perform actions.
What is the most common List?	ArrayList
What is the most common Set?	HashSet
What is the most common Map?	HashMap
What is an Exception?	A problem that can occur during the normal

	flow of execution
What is a checked Exception?	These exceptions are checked by the compiler at the time of compilation.
What is an unchecked exception?	These exceptions are not checked during the compile time by the compiler.
What is the main way to handle exceptions	Try Catch block
What are the exception handling keywords in Java?	Try Catch Finally