DigiTek IT Inc
Online Training for IT Professionals

JAVA Naming Conventions:

What Is a Naming Convention?

A naming convention is a rule to follow as you decide what to name your identifiers (e.g. class, package, variable, method, etc.) Naming conventions make programs more understandable by making them easier to read.

Standard Java Naming Conventions:

The below list outlines the standard Java naming conventions for each identifier type:

Identifier Type	Rules for Naming	Examples
Packages	Names should be in all-lowercase ASCII letters. With small projects that only have a few packages it's okay to just give them simple (but meaningful!) names. In software companies and large projects where the packages might be imported into other classes, the names will normally be subdivided. Typically this will start with the company domain before being split into layers or features	pokeranalyzer myfirstjava com.sun.eng com.mycompany.utilities org.bobscompany.application.userinterface
Classes	Names should be in Camel Case with first letter of each internal word capitalized. Try to use nouns because a class is normally representing something in the real world	Customer AccountDetails

Interfaces	Names should be in Camel Case. They tend to have a name that describes an operation that a class can do. Note that some programmers like to distinguish interfaces by beginning the name with an "I".	Comparable Enumerable IComparable IEnumerable
Methods	Names should be in mixed case with first letter lowercase and the first letter of each internal word capitalized. Use verbs to describe what the method does	void calculateTax() string getBackground()

Variables	Names should be in mixed case. The names should represent what the value of the variable represents	string firstName
		
		int orderNumber
		
		Only use very short names when the variables are short lived, such as in for loops:
		
		for (int i=0; i<20;i++)
		
		{ //i only lives in here }

Constants	The names of variables declared class constants and of ANSI constants should be all uppercase with words separated by underscores("-").	static final int DEFAULT_WIDTH static final int MAX_HEIGHT