# **Coding Standards**

REVISION DATE	REASON	NAME(S)
3/10/16	Doc. Created	Aaron Starr

#### **Comment Blocks:**

Begin with line of comment variables, descriptive title of function or structure, comment variables, function variables

LEFT: A more formal comment block with good information, more can be added if desired. RIGHT: Bare minimal, at least say what is happening inside the function

## **Camel-Casing:**

Camel-casing is the practice of creating a variable that is multiple words and distinguishing between words using capital letters in the new words. For example:

"databaseQuery" ::: starts with the first word lowercase and the next has a capital start "databaseQueryListOfResidents" ::: this example shows a larger string of words using camel-casing

NOTICE: The first word is lowercase, this is the typical convention of camel-casing

## **Naming Conventions:**

Naming a variable, function, class, or else is very important when there is a lot of code. Thus name variables wisely.

LEFT: Not a lot of information given by the variables. Very generic names RIGHT: Names that have some meaning. Notice x did not change, variables that remain are used for iteration are typically left bland, because they have little involvement.

### **Functional Organization:**

In this particular project, most code is placed into a flat file, a file that contains a large number of functions. To combat the stress of this we can organize the functions, classes, etc. together in terms of functionality or whatever is decided.

LEFT: Not organized as well as it could be. RIGHT: A reasonable organizational scheme