# Objectives:

As a programmer, you will be expected to understand good coding practice and logical structures. For this quiz, at a minimum, ***you must define the following terms***:

* Variable
* Constant
* Cohesion
* Assignment
* Initialization
* Method
* Braces
* Array
* Looping
* Selection
* Signature lines
* Declaration
* Auto increment
* Numeric testing
* String testing
* Concatenation
* Commenting
* Mutable/immutable

CIS 225 Quiz One

Diagramming code and defining programming terminology

# Task

Diagram each line of the attached code by explaining any programming terminology and what the code is doing.

[**HERE**](http://www.petoskeyschools.org/ncmc/225/testing/Quiz1Code.txt) is the quiz code.

# Example:

|  |  |
| --- | --- |
| 1 | sub setValue { |
| 2 | print “What is the value?: ”; |
| 3 | chomp ($value = <STDIN>); |
| 4 | } |

1. Method signature line signifying that it’s a mutator (method that initializes (Assigns value to) a global variable) for global variable $value. Open curly brace signifies start of block.
2. Print statement asking user for input.
3. Chomp removes newlines off of user input. The parentheses indicate order of precedence. <STDIN> is being initialized (Assigned value to) global variable $value.
4. End curly brace signifies end of block.