

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](#) 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.