

C++ Style Guide

(last updated 9/13/2013)

This page highlights specific sections that homework will be graded against.

1: General

1. File names match the specification of each assignment
2. There exists no commented out code in your document

2: Naming

1. **Normal Variables:** each word in a normal variable should be separated using underscores.
Example: sally_the_dog
2. **Private Member Variables:** prefix with an underscore, separate words using underscores.
Example: _my_private_var
3. **Functions:** Use lower camel casing: Example: mySimpleFunction()
4. **Classes:** Use upper-camel casing: Example: MyAwesomeClass
5. **Enumerations:** Enumerations are upper camel case and end with a "_t". Example: MyEnum_t.
6. **Enumeration Values:** Enumeration values (e.g. Ace, King, etc.) should be upper camel case.
7. **Constants / #defines:** Constants are all uppercase with words separated by underscores.
Example: MY_CONSTANT_VAR

3: Spacing

1. function definitions inside a class are separated by a single blank line.
2. Use blank lines in functions, sparingly, to indicate logical sections.
3. Always precede a comment by a single blank line
4. Use at either 3 or 4 spaces to indent after a curly brace "{".

Coding Header

Be sure to affix each file in your solution with the following header:

```
/*  
  
Assignment: (Assignment Name Here)  
  
  
Description: (Enter Program Description Here)  
  
  
Author: (Enter your full name)  
  
WSU ID: (Enter your WSU ID number)
```

Completion Time: (Enter the total number of hours that you spend on the
assignment)

In completing this program, I received help from the following people:

(List people here)

*/