Kodika C++ Coding Style 2017

Formatting

Operators are to be separated by spaces

Ex.

cout<<"string"<<1+2<<"string<<endl;   (Not okay)

Cout << "string" << 1 + 2 << "string" << endl; (Acceptable)

Line Length

If feasible, each line of text in your code should be at most 80 characters long.

Spaces vs. Tabs

Use only tabs for indentation.

Loops, If's, and Switch Statements

-Braces are optional for single-statement loops, and if statements.

-Switch statements can have curly braces or not, depending on your preference.

Punctuation, Spelling and Grammar

-Comments should be as readable as narrative text, with proper capitalization and punctuation.

Parameter Ordering

-When defining a function, parameter order is: inputs, then output

General Naming Rules

-Names should be descriptive; avoid abbreviation.

-Acronyms should not be capitalized other than the first character.

Type/Variable/Function Names

-General names (Functions, classes, typdef) start with a capital letter and have a capital letter for each new word, with no underscores: MyExcitingClass, MyExcitingEnum.

-Variable names use standard camel notation: int myExcitingVariable.

Constant Names

Variables declared constexpr or const, and whose value is fixed for the duration of the program, are named in all caps. For example const int VALUE=0;

File Extensions

Headers: .h

Implementation: .cpp