

# Class Needs

## Style Document

### Python Style Guide

#### Code Layout:

- Maximum line length is 120 symbols
- 2 indents between classes and functions
- No whitespace inside parentheses, brackets, or braces.
  - # Good
    - spam(ham[1], {eggs: 2}, [])
    -
  - # Bad
    - spam( ham[ 1 ], { eggs: 2 }, )
- Surround operators with single whitespace on either side.
  - # Good
    - x == 1
    -
  - # Bad
    - x<1

### **Naming:**

- Use snake\_case for modules, variables, attributes, functions, and method names, not CamelCase
  - Variable\_name = "something"
- Use CamelCase for class names and fabrics
  - FunctionName()

### **Formatting:**

- Always start a new block on a new line
  - # Good
  - if flag:
  - return None
  - 
  - # Bad
  - if flag: return None

### **Comments:**

- Describe complex, possibly incomprehensible points and side effects in the comments
- Separate comments and # with a whitespace
  - # good comment
  - 
  - #bad comment

### **Avoid:**

- global variables
- nested functions, they are hard to test and debug.
- Complex code without comments
- Left overs from code debugging

# HTML Style Guide