Scrumbag Coding Standards

1. Code Style Rules
   a. Use the included Dart formatter/syntax fixer
   b. Not super popular among us, but provides fast, efficient, and consistent formatting
   c. Takes care of braces, whitespace, line size, etc
2. Comment
   a. Use three forward slashes before comments for documentation (///)
   b. Use two forward slashes before comments for code comments (//)
   c. Place comments above the line(s) of interest
3. Typing
   a. Use explicit types to function parameters and variables whenever possible
   b. Add keywords "final" and "const" as needed
4. Levels of nesting
   a. Guard cases over extra nesting
   b. Strongly avoid than 3 levels of nesting past function declaration
5. Comprehension
   a. Do not use comprehension
   b. Dart does not have pretty comprehension or mapping even for simple cases
6. Error handling
   a. Use assert statements for ensuring private functions' correctness
   b. Raise an exception in the event of an error or unexpected values
7. KISS
   a. Keep each function clean and readable
   b. Factor away complexity as needed into well named functions
   c. Well named variables
8. Unit Test Naming Convention
   a. CLASS_FUNCTION_DESCRIPTION