Green Team

Coding standards

Indents and white space:

When using indents, use 4 spaces instead of tabs; there will be no use of tabs.

There should not be any white space in a parameter list immediately after an opening parentheses and no white space immediately following a closing parenthesis list.

There should be at least two blank lines between each function.

Line length:

No line will have more than eighty characters on it. Comments will have to be continued to next line and code will have to be continued to next line or divided into smaller modules to reduce line length to an acceptable length.

Comments:

At the top of each file there should be the name(s) of who worked on it, the date, and a description of who worked on it

Comments should be before every function. They need to be comment blocks denoting the name of the function and a brief description of the function and anything special about the function such as input, output, and actions.

<include example>

In regards to inline comments, they should be used to describe complicated parts of code that is not inherently obvious. We aim to use good self-explanatory variable names and aim to not have redundant comments.

Variable names:

Constants are to be completely uppercase.

Non-constant variables should be all lowercase with underscores separating multiple part names.

Functions:

Function names need to start with an uppercase letter and the rest be lowercase letters with underscores between words.

In the grouping of functions there will be a logical order from abstract to more detailed.

Function names need to start with an uppercase letter followed by lowercase letters, and they should have underscores between multiple words.

Inside of functions the logically related code segments should be grouped with no spaces between and a single blank line between segments.

Line length? No more than 80 characters length minimize the length either by breaking it into more lines or you need to start another function