

Style Guidelines (25% of HW grades)
02-201 / 02-601: Programming for Scientists

Variables (5 points)

- Do your variables follow proper naming convention?
 - Descriptive but not pedantic
- Do your variables fit into the proper scope?
 - Global variables are almost always bad

Functions / Modularity (10 points)

- Is your program partitioned into a set of reasonable functions?
 - Do your functions accomplish a single task?
 - Are your functions potentially re-usable in other contexts?
- Does the input and output for your functions make sense?
 - Don't take in more inputs than you need
 - Don't output more than you want

Comments (5 points)

- Did you include your name and date at the top of the file?
- Do you have comments explaining each functions use cases?

Efficiency (5 points)

- Does your code process in a reasonable amount of time?
- Do you have extraneous loops, functions, or variables that don't have any function in your current code?
 - Delete or comment out old code rather than let crud accumulate.

Additional points may be awarded for particularly elegant solutions to complicated problems that go beyond the scope of the class.