

## Mike's Style Guide for C Programming for CS354

1. Use meaningful variable names. Either use underscores for multi-word variables or CamelCase. Just be consistent.
2. Be consistent with your capitalization. I capitalize function names; I use all caps for structs and #defines; and I use lower case for variables. Just be consistent.
3. Indent to match scope. Use spaces instead of tabs.
4. Organize your code as follows:
  - a. #include <>
  - b. #include ""
  - c. #defines
  - d. Data Types (e.g., structures and typedef)
  - e. Global variables – (use of global variables only when necessary)
  - f. Function Prototypes
  - g. Code - main() should be either first or last.
5. Comments
  - a. Describe what each block of code is trying to do.
  - b. Good variable names may make this description easier.
  - c. For functions describe the purpose of the function and indicate the purpose of input parameters, output parameters, and the return value.