

CSCI 2125: Data Structures

Writing Clean Code

Please keep in mind the following criteria for writing clean code Indentation: properly indent your source code before submission.

- **Expressive name:** the names of classes, interfaces, methods, variables must be chosen carefully to express their purpose and role.
- **Smaller methods:** keep your methods small in size. Make a method do exactly one thing, no more than that. A good size of method should not need the viewer to scroll. Consider keeping the size of a method within roughly 10 lines of code.
- **Documentation:** add javadoc style documentation to the classes and methods. Also include inline comments wherever required.
- **Object-orientation:** If you use object-oriented features (e.g., inheritance, composition, etc.), make sure you use them correctly.
- **Organization:** organize your source code into well-thought packages and sensible modules.
- **No dead code:** Get rid of any unused code/artifacts such as method, class, file, directory before making final submission of your source code.