

Assignment Sudoku C++ Code Review Rubric

There is a 25% per day penalty for committing your code late. In addition, we will scale your grade down if your submission is substantially incomplete. Items marked with * are particularly important.

1 Automatic Testing (25%)

- Important classes of valid inputs are tested*
- Likely errors, corner cases, off-by-one errors are tested
- Invalid inputs are tested
- Tests well documented through naming (or comments if necessary)
- Tests are well-organized (logical grouping/order, generally one assertion per test)
- Test developed before and with code not after

2 C++ (25%)

- Good C++ Style
- Use of proper separation of code and headers
- Appropriate use of library such as `std:string`

3 Overall Design (25%)

- Solution approach is well thought out
- Code is logically organized
- Code is easy to read
- Avoids unnecessary repetition (“Don’t repeat yourself”)
- Fixes implemented since the Java version

4 Process (25%)

- Code was checked-in periodically/progressively in logical chunks
- Meaningful commit messages