

Assignment 6 C++ TicTacToe Rubric

This rubric is a set of guidelines on what we are looking for in each area. The check boxes should not be thought of as points of equal weight but topics to think of when working on your assignment.

Scaling Factor

All assignments will have the following scaling factors. These will be applied to the final grade for the assignment rather than on each section.

- Lose 25% for each day late
- Lose points if over 25% of code is taken from other sources not counting recommended libraries
- Final score will be scaled by percentage of the assignment completed

C++ (15%)

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

Naming (10%)

- Names succinctly and accurately describe the named entity*
- No potential to misinterpret names
- Names meet (Google C++) coding style guidelines

Layout (5%)

- braces, indentation
- one statement/line, 80 char limit/line, 2 space indentations, line wrapping
- code is in paragraphs, related lines grouped, vertical white space
- horizontal whitespace, grouping parentheses

Overall Design (25%)

- Solution approach is well thought out
- Code is logically organized
- Avoids unnecessary repetition (“Don’t repeat yourself”)
- Contains appropriate documentation
- Fixes issues from the Java implementation

Automatic Testing (25%)

- Important classes of inputs are tested (valid, invalid/errors, boundary)*
- Tests well documented through naming (or comments if necessary)
- Tests are well-organized (logical grouping/order, generally one assertion per test)

Process (10%)

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

Presentation (5%)

- Arrived on time with all necessary materials and ready to go
- Good selection of topics to focus on and logical order of presentation
- Appropriate pacing and engagement of the fellow students
- Speaking loud enough and enunciating clearly

Participation (5%)

- Engaged and paying attention to other students presentations
- Asks questions and/or makes comments that further the discussion*
- Explains reasoning for why something is good or bad
- Behaves respectfully to moderator and other students