

Assignment 1 TicTacToe 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 (30%)

- 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 Naming (15%)

- Names succinctly and accurately describe the named entity*
- No potential to misinterpret names
- Names meet (Google Java) coding style guidelines or some other consistent style.

3 Overall Design (15%)

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

4 Process (5%)

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

5 Presentation (20%)

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

6 Participation (15%)

- 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

7 Extra Credit

If you extend the assignment in a significant way you can receive some extra credit. This will be applied to grades after all grade cutoffs are set and can not add more than at most one letter grade to your final course grade. In future assignments we may give specific guidance on extra credit that would be appropriate.