# Code Reviews

The purpose of code reviews is to improve the code, not to evaluate the developers!

**Process for Person under Review:**
- Print out 4 copies of the code that will be reviewed.
- Print out 4 copies (or point to the URL) of your coding standards.
- The code should be more than 200 lines of code, but less than 500 lines, including comments but not blank lines. Your printed code should include a count of the line numbers, and each line should be numbered (if possible).
- The 4 copies should be placed on the round table in the lab by 2pm on the day before the review.
- During the meeting, you should give a 5-minute overview of the code explaining the main points. This will be uninterrupted by questions from the reviewers.
- After the overview, and during the code review, you are there to collect feedback, BUT NOT to defend or make excuses.
- Each review will be 30 minutes long, including the overview.

**Process for Reviewers:**
- Pick up the code you will be reviewing after 2pm on the day before the review. The code will be on the round table in the lab.
- Each reviewer should spend an hour (uninterrupted) reviewing the code. If you don't complete reviewing all of the code, that's okay. You should spend no more than an hour reviewing the code.
- Use the checklist to try to put forward a maximum number of possible defects.
- Try not to review the code too quickly or two slowly.
- Go through the code line by line, all the while trying to fully understand what you are reading. As you are reading, skim through the checklist looking for questions that apply. For each applicable question, find whether the answer is 'yes'. Every 'yes' is a possible defect.
- During the meeting, you will be given a 5-minute presentation by the author of the code. You should listen to their description, but not interrupt it with questions.
- I will act as the moderator during the code reviews and will guide the review. We will go through the code line by line, and I will call on each one of you for your observations.
- The secretary will maintain a list of defects, which will be presented to the author after the meeting.