

- Code review
- People check a program mainly by viewing and reading parts of its source code
- Usually be done after implementation
- A software quality assurance activity
- Large companies always have code review process (and you may spend a lot of time reviewing others' code rather than coding).

- Advantages
- Improve code quality (especially on maintainability)
- Find bugs
- Knowledge transfer
- Find better solutions

- What you should focus in code review
- Design – does the overall structure make sense?
- Functionality – do those functions work correctly? Any bugs?
- Complexity – are they easy to read / understand?
- Tests - are those test cases adequate? Any case is missing?
- Naming
- Comments – why we need this part of code and what does it want to achieve
- Style – following the coding style
- Every line – you should understand every line in the code