

Advice for programming



1. Avoid using "magic numbers".
2. Keep the code as small, simple and readable as possible.
3. Use package visibility.
4. Don't suboptimize.
5. Consider alternatives before you start implementing a solution.
6. Start solving the general cases before solving the special cases.

Advice for writing the report



1. The report is just as important as the program.
2. Write so that other people can understand your report.
3. Do not write to me (or yourself).
4. Be precise
5. Relate to the questions posed in the assignment
6. First, present the structure of the program and then those data structures and algorithms that are not obvious from the source code.
7. Use class skeletons and code fragments in order to make your documentation more concrete.
8. Use figures
9. Argue for your decisions.
10. Answer the questions of the assignment.
11. Explain how to run the program.
12. Describe how you have tested the program and show the results.