

What is high quality programming code?

High quality programming code is something very important for every good software engineer. Every software product can be made correctly, highly optimized without high quality programming code. This however is not enough. The source code needs to be readable not only by the author, but for all the team members, and people who will work on it after time. It has to be documented very precisely, because everyone who is not very familiar with the source code, should understand how it works. Not only that but, the software must be easily maintainable and scalable, which requires high quality programming code. High quality programming code consists of many things: good code formatting, good naming for the identifiers, easy readability, easy understandable, strong cohesion, loose coupling, good abstraction and encapsulation, if the best case: self-documenting and of course: correct behavior, no bugs, handling all possible incorrect usage. This all makes the software really flexible and easily extendable. The code should have comments on the right places: when the code is not self-documenting and on the parts of the code with more complex, harder to understand logic. All this makes the code maintainable by all the people who are, and who will in the future work on the project.