

Code Best Practices



Topics

- Coding best practices
- Code refactoring



Best Practices

Clean code

A lot of time is wasted due to poorly written and organized code. If we take the time to clean up our code from the beginning, we can avoid negative consequences later on.



Best Practices

Strategies for writing clean code

- Give things meaningful names
- Write comments only when necessary
(make the code so clear it speaks for itself)
- Create small functions
- Follow a specific formatting structure



Best Practices

Code review

One way to evaluate the quality of a feature we've coded is to submit it for *code review*.

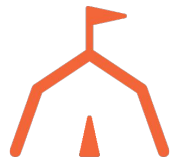
This is a systematic examination of the software.



Best Practices

Types of code review

- Over-the-shoulder
- Email pass-around
- Pair programming
- Tool-assisted



Best Practices

Refactoring code

When we *refactor* our code, we go back and restructure it without changing its behavior.

As far as the user's interaction with the application is concerned, nothing changes.



Recap

- How a clean code looks like.
- How to write clean code.
- How to do code reviews.
- The types of code review.
- How to refactor code.

