

# Clean code

Function arguments

# Mindset

“Always code as if the guy who ends up maintaining your code will be a violent psychopath who knows where you live.”

- Martin Golding

# With other words

Someone should be able to look at the definition of your class / struct / object (method / function signatures) and have a pretty good idea what it does and how to use it without knowing its internals

- Niels

# Forms

- Niladic (no arguments)
  - `includeSetupPage()`
- Monodic (1 argument)
  - `enableAlarm(true)**`
- Dyadic (2 arguments)
- Triadic (3 arguments)
- Polyadic (>3 arguments)

\*\* flag arguments are considered bad, mkay: better: `enableAlarm()`, `disableAlarm()`

# Why is it considered bad?

- Harder for readers understand
- Harder to test, consider:
  - `foo(true)`
  - `bar(true,true)`

# But wait, there is help

- Use argument objects (group cohesive fields)
  - `winkyWonka.setAddress(Address.Home, street, houseNo, postal, city)`
  - `winkyWonka.setHomeAddress(address)`
- Use clear (intentful) verbs and keywords
  - `renderPage()`
  - `clearContent()`
- Read it aloud!
- TDD

# Is it always avoidable?

- No not always, but we can try
- And remember....



End