



Coding Practices Cheat Sheet

A prettier print friendly version

Taken from:

<https://github.com/ops-school/coding/tree/master/materials/practices>

Implement

what is required only,
not wished

Be

concise, clear,
and readable

Get

feedback fast and as
much as possible

Conform

to the standard
coding practices of
the public community

Exploit

the power of the
programming
language of choice

KISS	Keep it simple stupid! Nobody likes complex code. It is just not maintainable in the long term.
Invest Time In Code Readability	At all costs! People read more code than they write. Make sure the code you write is always readable to someone else. Ask for a review to be sure.
DRY	Don't repeat yourself (unless you really have to). Every duplicated line of code will potentially cost time & money and create bugs.
Naming	Use meaningful names for EVERY line of code you write! Everything! Every variable, function, or class.
Single Responsibility	A piece of readable code (be it function, class, or block) should do one and one thing only! (As a rule of thumb, when naming a piece of code, if you find you use the terms "and" or maybe "or" it means it does more than one thing)
No Comments Please!	Unless not having a comment will make the code completely unreadable or are documenting a public API. Comments clutter your code and are subject to being irrelevant in the short and long term as code changes rapidly
Don't Reinvent The Wheel	Use the power and ecosystem in your programming language of choice. Actively search and use Built-in functions, tools, and libraries to support your implementations
Code With Style	Learn about the "right way" of writing code in the programming language you choose. That way, people reading your code will understand better. Use a "Style guide"
Run It Often!	Run your code often. Be it small or big. Use interactive shell or other tools to run and experiment while coding.
Get Feedback!	The code will never be complete without proper feedback from another person. ask for it for ANY code you write

KISS



**CODE
READABILITY**



DRY



NAMING



**SINGLE
RESPONSIBILITY**



NO COMMENTS!



RUN IT OFTEN



**DON'T REINVENT
THE WHEEL**

**CODE
WITH STYLE**



GET FEEDBACK