

# Twitter Thread by [Void](#)

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**I have been writing software for over a decade.**

**My 5 best advices for developers**

**that will save you 1000+ hours (■):**

■■ On writing code

Solve the problem \*before\* writing code.

Clear code >>>> Clever code

Always optimize code for readability

and THEN efficiency (if required)

Remember:

You are not bad at coding.

You just need more practice.

■■ On debugging code

Code doesn't do what you expect

it does what you tell it to do.

Be ready to spend hours bridging the gap.

When debugging:

- Pay attention to error messages
- Use debuggers
- Ask for help when stuck

Prefer refactoring buggy code

over adding new code.

## ■■ On testing code

Developers today are expected to:

- write software quickly
- without shipping bugs

Know that some tests are more important than the others.

Start with ad-hoc tests...

But use test automation as much as possible.

Test less. But smarter.

## ■■ On writing documentation

Good code is self-documenting  
but you should document tradeoffs  
and decisions of your code.

Some tips:

- Automate doc generation
- Document just enough
- Use tests as documentation

Just remember that..

no documentation >> incorrect documentation

## ■■ On code reviews

Code reviews are to ensure that code

- meets required functionality
- adheres best practices

Avoid reviewing large code changes.

Establish a process. Use checklists.

See code reviews as a form of

knowledge sharing.

Learn from feedback.

TL;DR

- On writing code
- On debugging code
- On testing code
- On writing documentation
- On code reviews

That's it!

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— Void\u26a1 (@codewithvoid) [August 6, 2022](#)