TIPS FOR

WRITING A CLEAN CODE

The KISS Principle
(Keep It Simple, Silly)

This means making your code meaningful, and to the point, & avoiding unnecessary engineering work.The KISS Principle ensures that your code has high maintainability. You should be able to go back & debug it easily, without wasting time and effort.

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The YAGNI Principle

YAGNI means "You Aren't Gonna Need It".
This principle focuses on eliminating any
unnecessary coding

The DRY Principle

DRY means "Don't Repeat Yourself"
This principle aims at reducing repetition
and redundancies.

Enhance Code Readability,
and make sure that your code works efficiently

Try to always write code that can be easily understood by others. In order to optimize your code, you need to make sure it executes the function quickly. In the world of software engineering, writing code quickly & correctly is pointless if the end product is slow & unstable.

Refactor your code

Refactoring is basically improving the structure of your code, without making modifications to its actual functionality

Test your code

Good testing practices not only ensure quality standards in software engineering, but also guide & shape the development process itself

General Tips

Allocate appropriate names to all functions, variables, & methods. This will make your code easier to read, understand, and debug. Use consistent indentation & alignment while formatting your code for better readability