**Clean Code Summary**

Clean code is **code that could be easily to understood and easy to change**, whether that reader is the original author of the code or somebody else.

**It could be achieved by following some of concepts …..**

**1. Meaningful Naming for Variables & Classes**.

**2. Functions**-(A function should be readable from top to bottom, as a paragraph and less number of arguments (≤3) is better...)

**3. Code Organization & Formatting**

* Group code by their functionality.
* Avoid too long files and too-wide code lines. Make sure they fit into the screen .
* Make sure the code is ordered as of the calling sequence.
* Follow proper indentation across code files.

**4. Objects and Data Structures**

* Avoid accessing unknown data via method chaining.
* Functions and data structures, Functions and classes can have some coupling by nature.

**5. Error Handling**

* At lower levels, throw exceptions instead of returning error codes.
* Errors and exceptions must provide adequate context

**6. Classes & Interfaces**

* Inside a class/interface, arrange code in order.
* Encapsulate utility methods.
* The class name must show its responsibility.
* Too much inheritance is bad.