**What is Clean Code?**

Clean code: readable, maintainable, extendable

Working code: does what it is supposed to do.

Good code: combination of clean and working code.

Clean code can be read and enhanced by other developers.

**There are 13 principles to become a developer with clean code.**

**1:** Use Intention Revealing Names.

Ex: Choosing good names takes time but saves more than it

takes.

**2:** Avoid disinformation.

Ex: XYZControllerForEfficientHandlingOfStrings.

**3:** Use Meaningful Distinctions.

Ex: Use any word indicate of functions instead of a1.

**4:** Eliminate Noise.

**5:** Use searchable names.

**6:** Class Names.

Good class name should answer the question “Who”.

**7:** Method Names.

Good method names should answer the question "What

does it do?".

**8:** Avoid Encodings.

Such as: Hungarian Notation , the letter l might represent a long integer. The abbreviation str represents a string.

**9:** Use Pronounceable Names.  
**10:** Avoid Mental Mapping.

**11:** Don’t Be Cute**.**

Say what you mean. Mean what you say.

**12:** Pick One Word Per Concept.

Pick one word for one abstract concept and stick with it.

Such as: getArticles(),getUsers(),getPages() instead of getArticles(),fetchUsers() ,retrievePages() .

**13:** Add Meaningful Context.

When a method has a lot of variables with an unclear context you can try to break it into smaller functions.

Better Solution: create a class named Address.

**And that set**