# Clean Code

**Names are important:**

It must be precise and give the main idea.

It does not matter if the name is long, it is preferable that it is understood.

**Function names:**

Functions should be as small as possible, 20 lines maximum.

They should be clear regardless of the length of the variable.

**DRY (Don't Repeat Yourself):**

Each part of the code must be unique and must not be repeated, and must be totally unambiguous, i.e. there cannot be 2 parts in the program that perform the same function.

**Comment only what is necessary:**

What usually happens is that while the code is being updated the comments are not, for this reason is that it is important to comment only what is necessary, i.e. parts of the code that its complexity requires commenting the code.

**Handling errors:**

Dealing with exceptions correctly is a big step for the programmer in development, because things will not always go as expected and at the time when things fail if errors are handled the incidents can be resolved faster.

**Clean tests:**

Creating tests for the code today is of utmost importance because now all code that does not have a test is considered legacy code, this also corresponds to being able to resolve issues in a faster and more accurate way.