Inheritance

Class inheritance is when a class inherit Attributes, Method, Fields, Behaviours and Variable from another class.

**Why do we use Inheritance**?

* Divide large systems into smaller once “Class”.
* More manageable/control on class. Each class have his own functionality/system to focus on.
* Useful for code reusability.
* Making new or adding/using exiting fields in the child class.

**How do we use Inheritance in our code**?

It's very simple, we can start by making several class.

Lets suppose there is a class that called “animal” with a name field and attributes. We can create a new class and call it, for example, “Dog”.

The dog class can use the fields and attributes from the animal class, but we can also add new functions/method. In this way we inherit some functions and create new ones, and we can modify them as well.