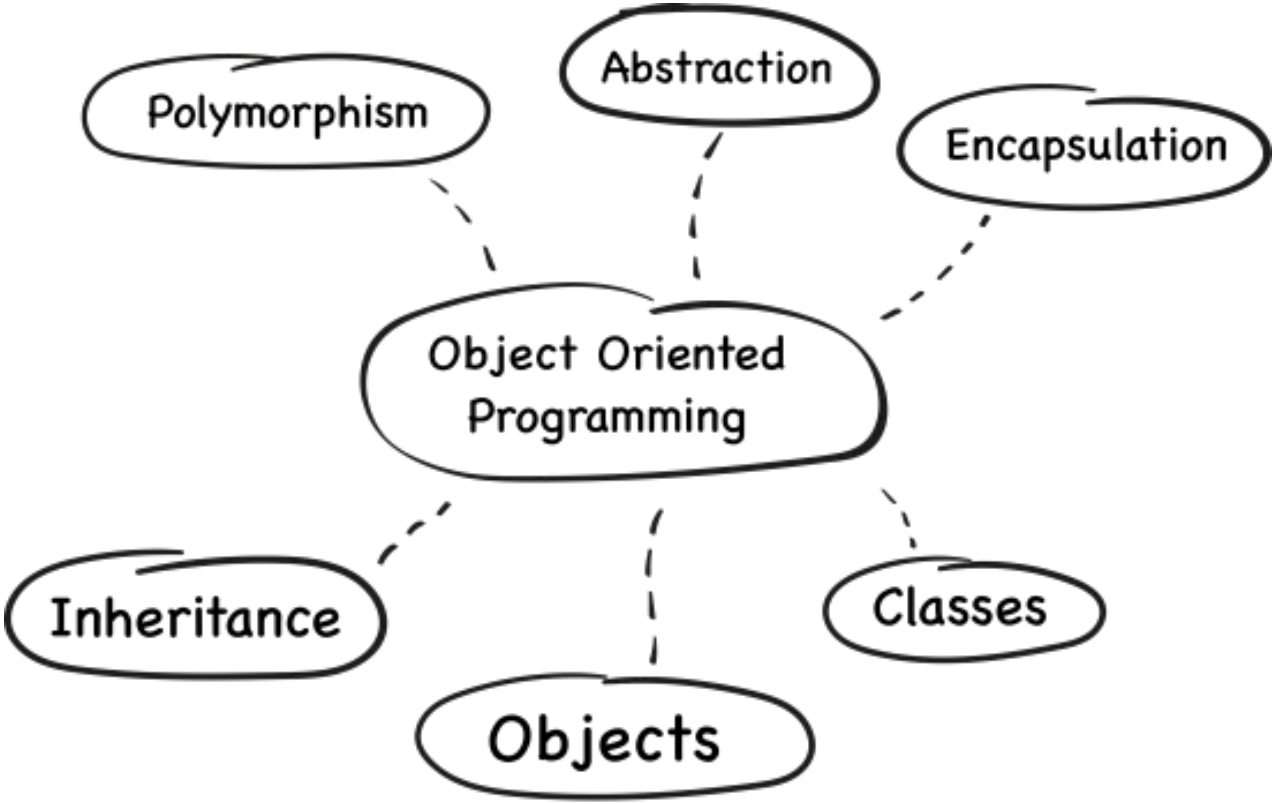
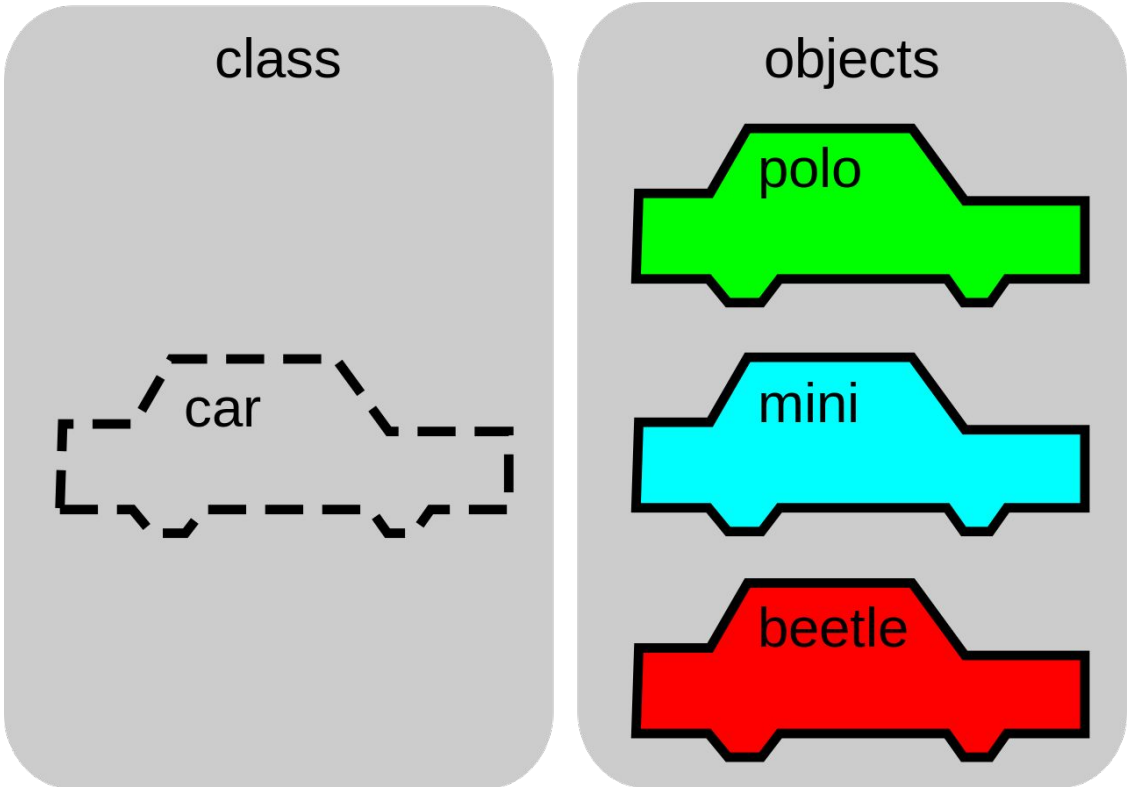
Object Oriented Programming

Eddy
For Learning Purpose only

What is Object Oriented Programming?



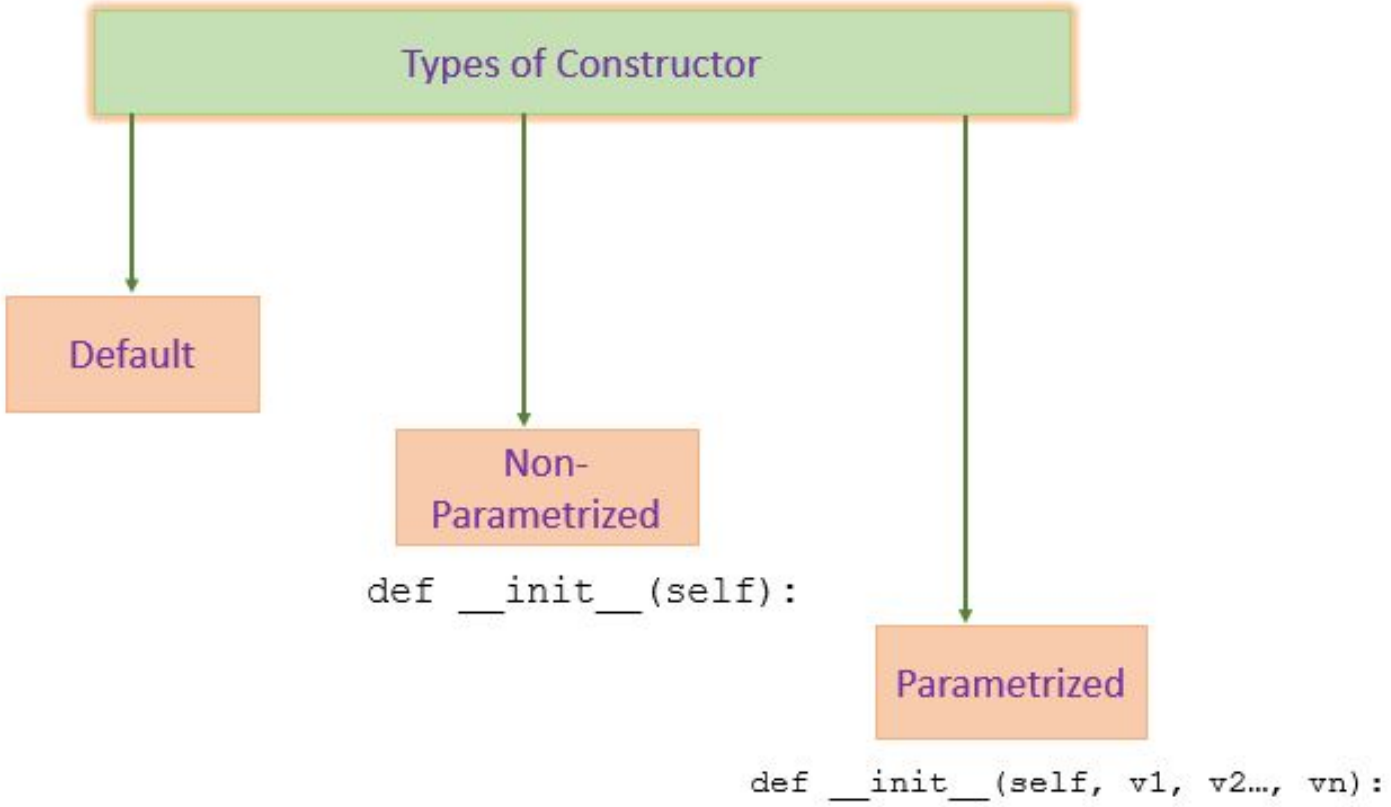
Class



Method vs Properties

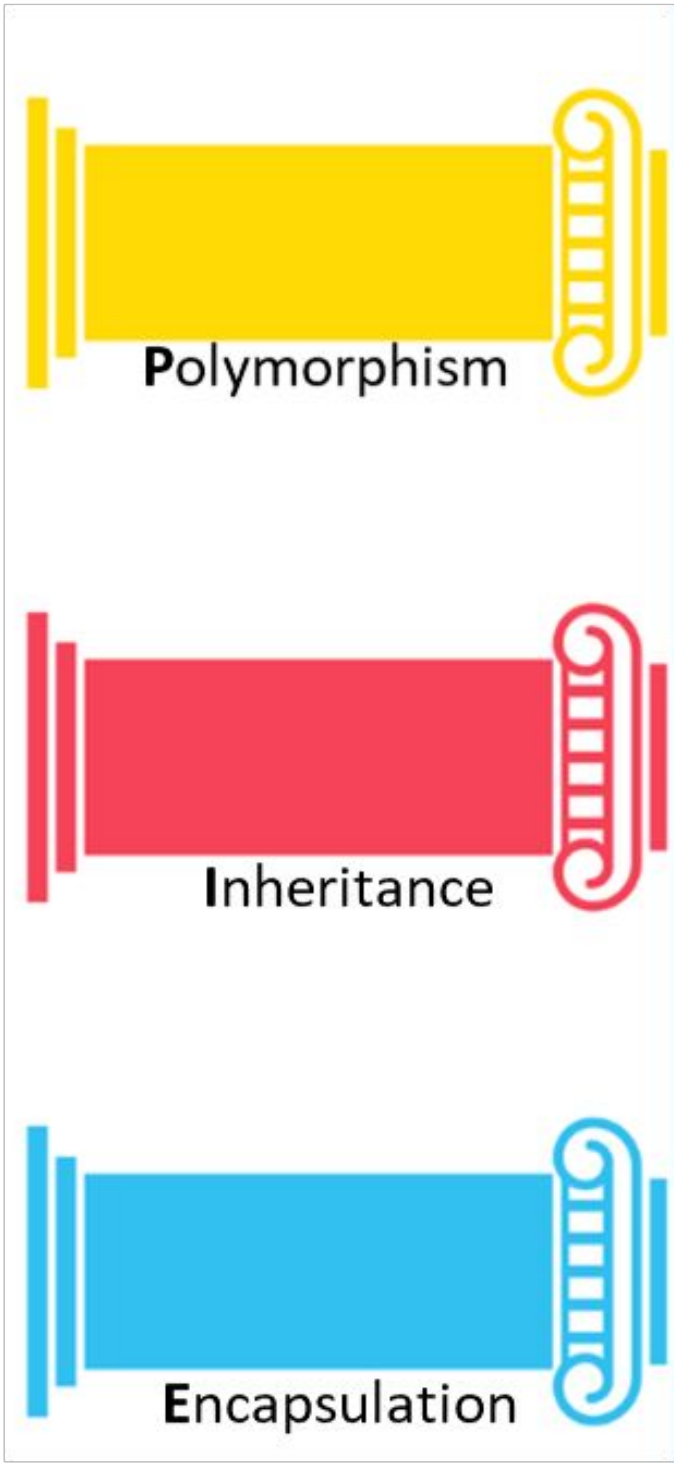
Method is a function in common programming

Properties is a variable in common programming.


Types of Constructor
Default
Non-
Parametrized
def __init__(self):
Parametrized
def __init__(self, v1, v2…, vn):

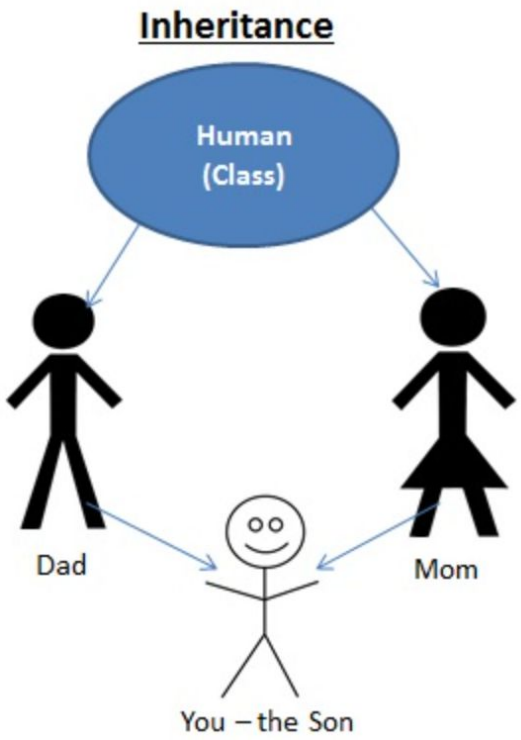
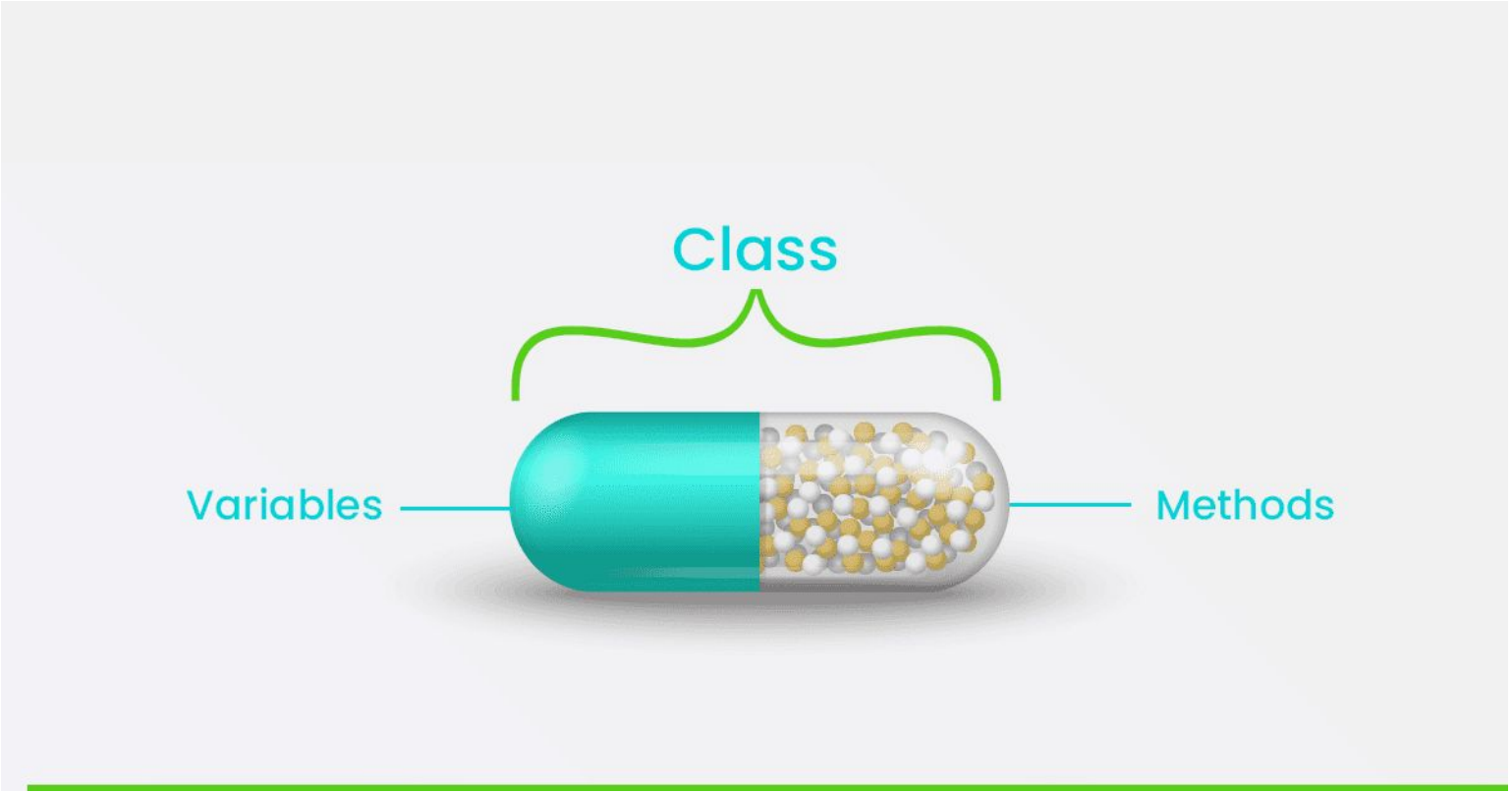
	default	private	protected	public
Same Class	Yes	Yes	Yes	Yes
Same package subclass	Yes	No	Yes	Yes
Same package non-subclass	Yes	No	Yes	Yes
Different package subclass	No	No	Yes	Yes
Different package non-subclass	No	No	No	Yes

Three Pillars OOP


Polymorphism
Inheritance
Encapsulation

Polymorphisme

Inheritance



Encapsulation