

Types of
methods

Object method — dunder or
magic methods

Class method

Static method

Types of
Attributes

Object Attribute

Class Attribute

Object Attributes

Class
Attribute

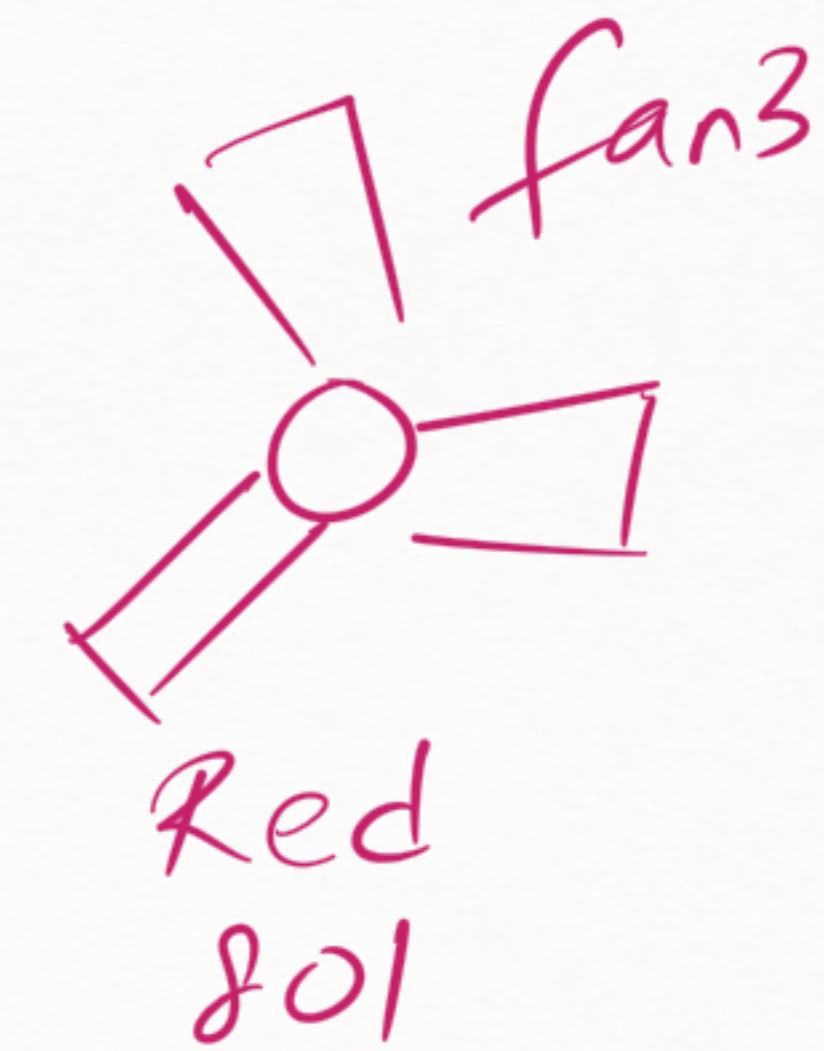
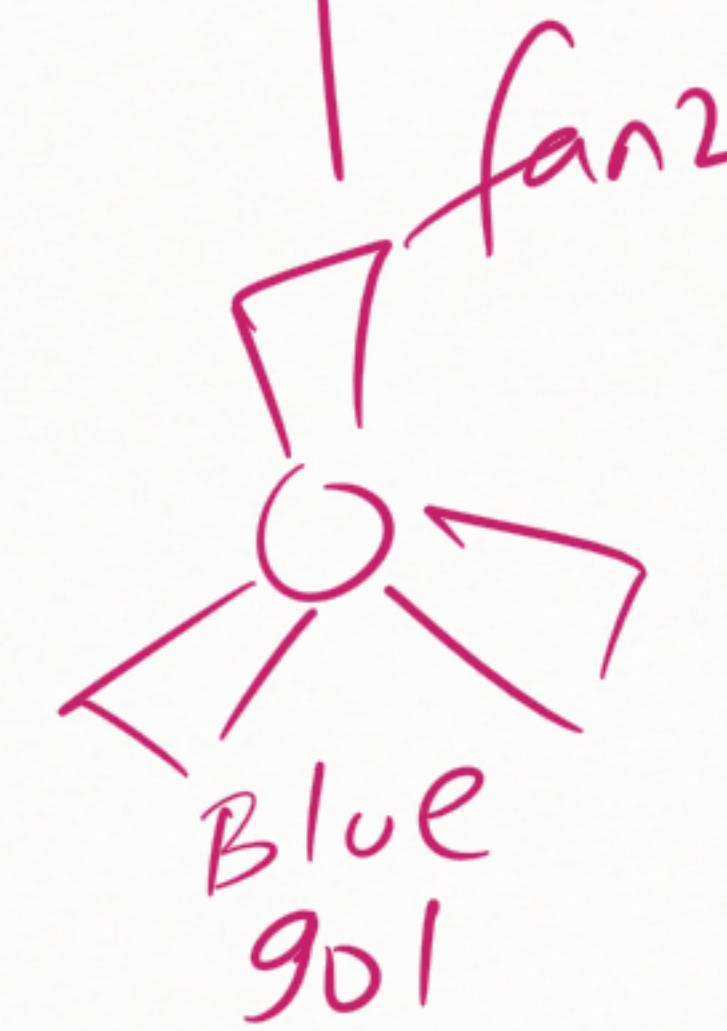
Purpose = "blow Air"

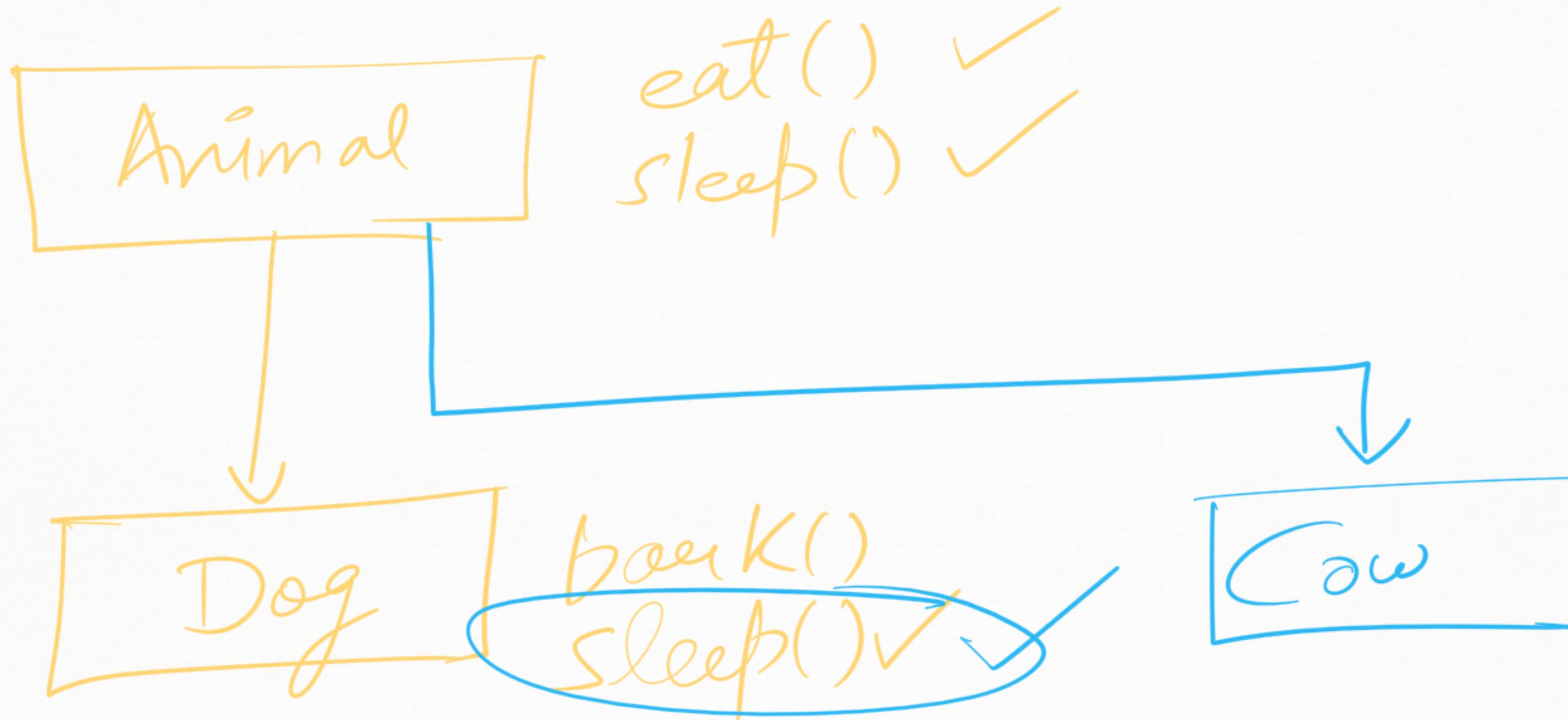
FAN

Color
Model



Color: Green
Model: 701

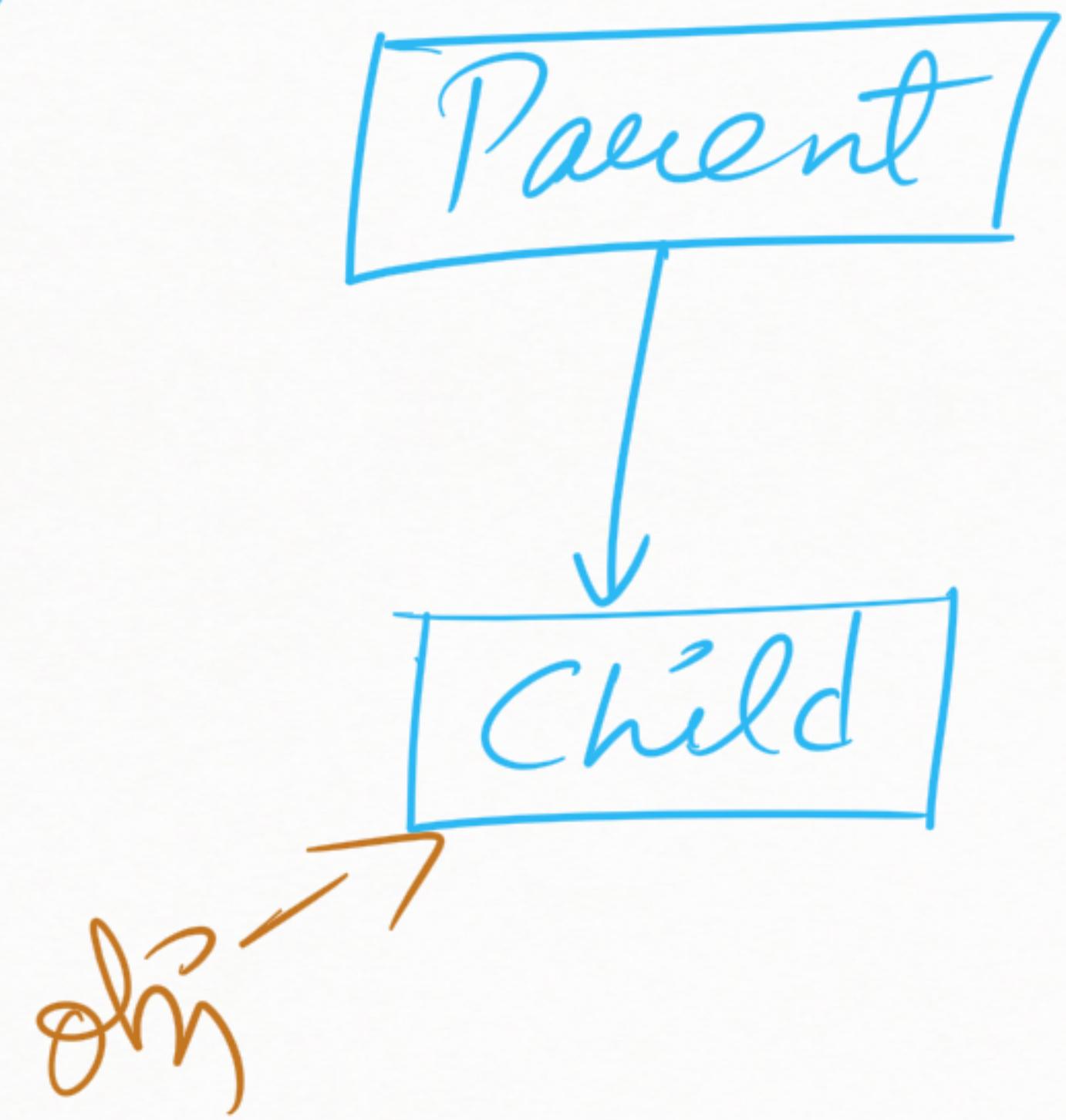




yuki = Dog()
yuki.sleep()

Types of Inheritance

① Single Inheritance



MRO => Method Resolution Order

MRO of obj

Child
Parent

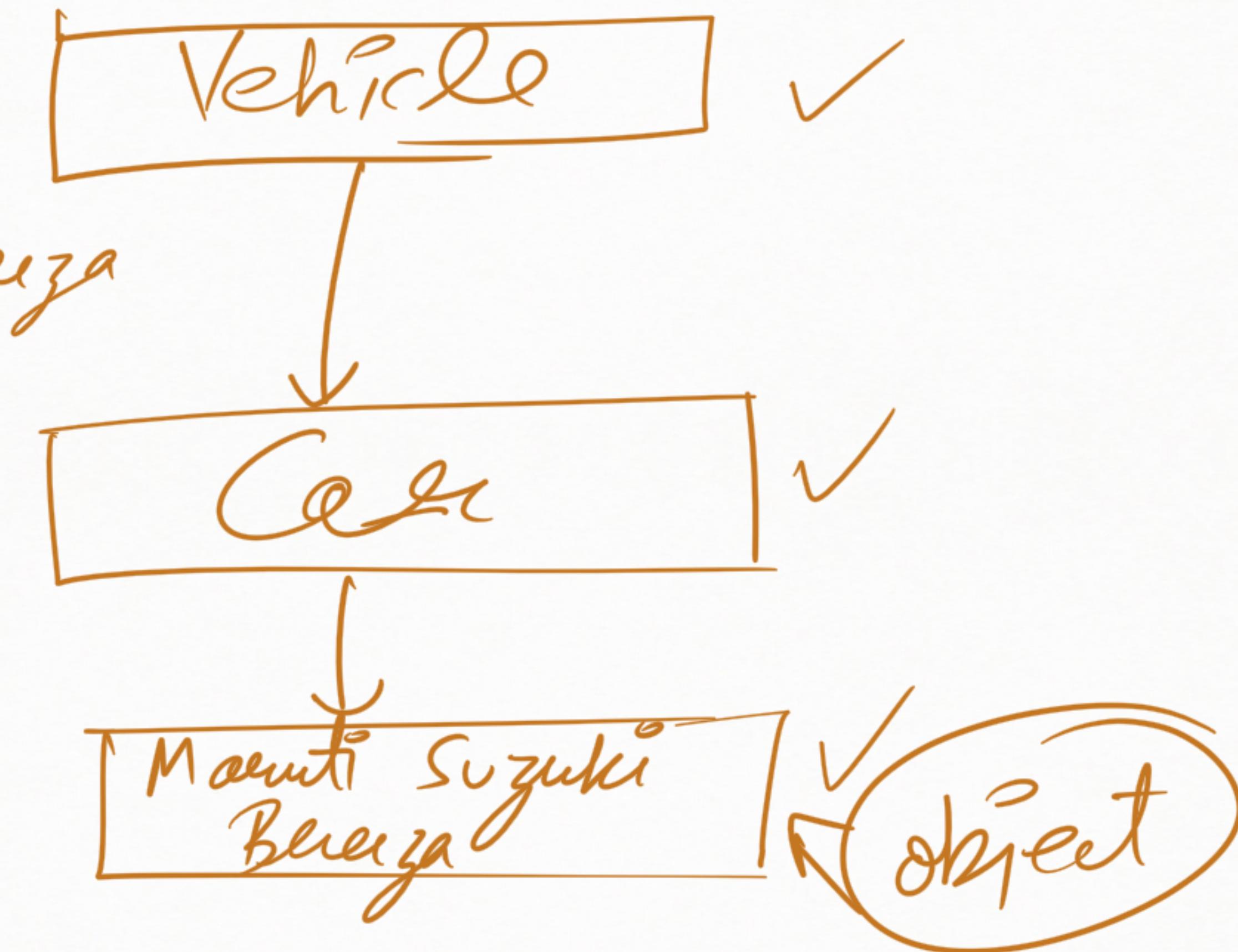
② Multi Level Inheritance

MRO of object

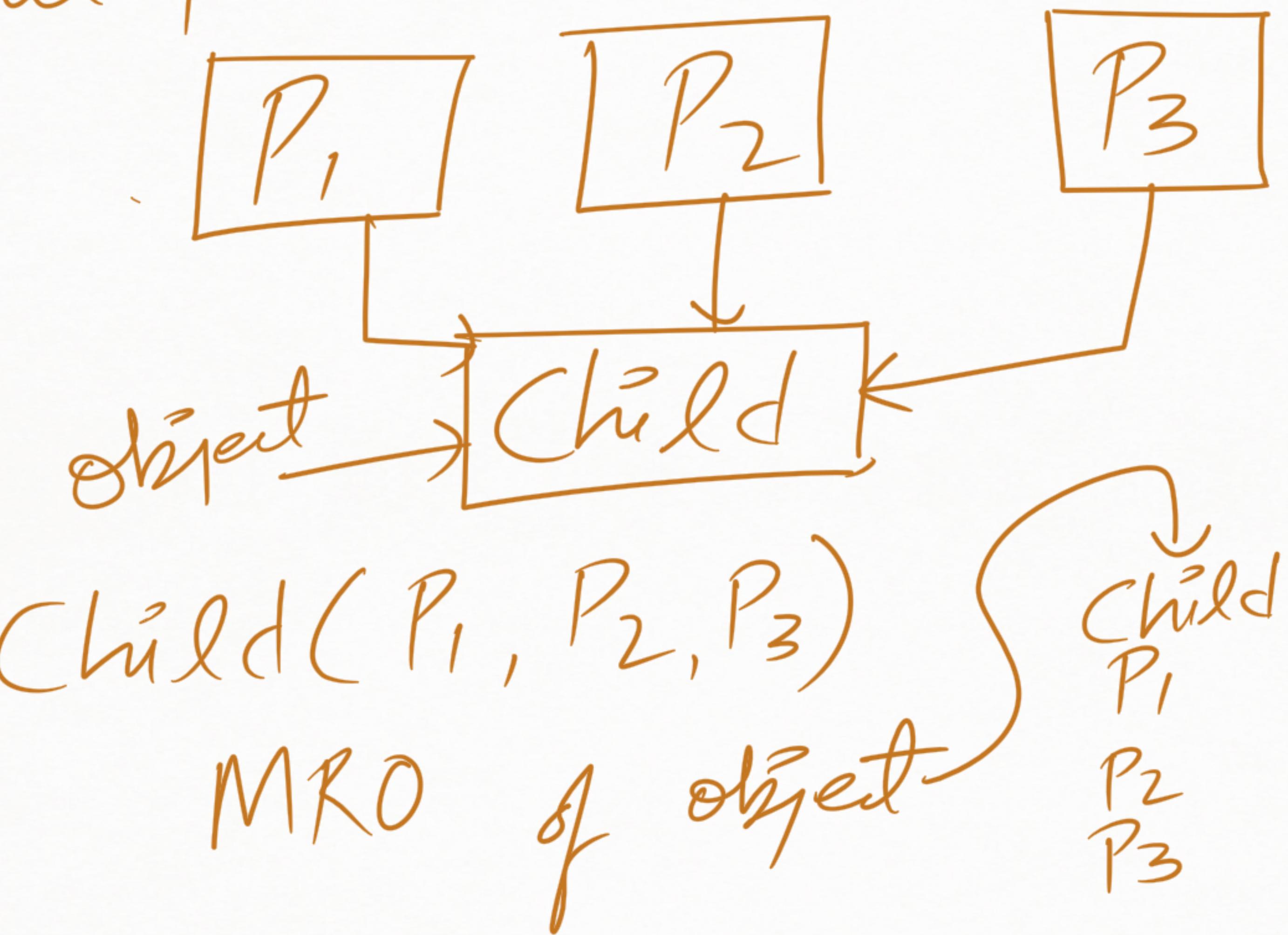
Maenoti Suzuki Breeza

Car

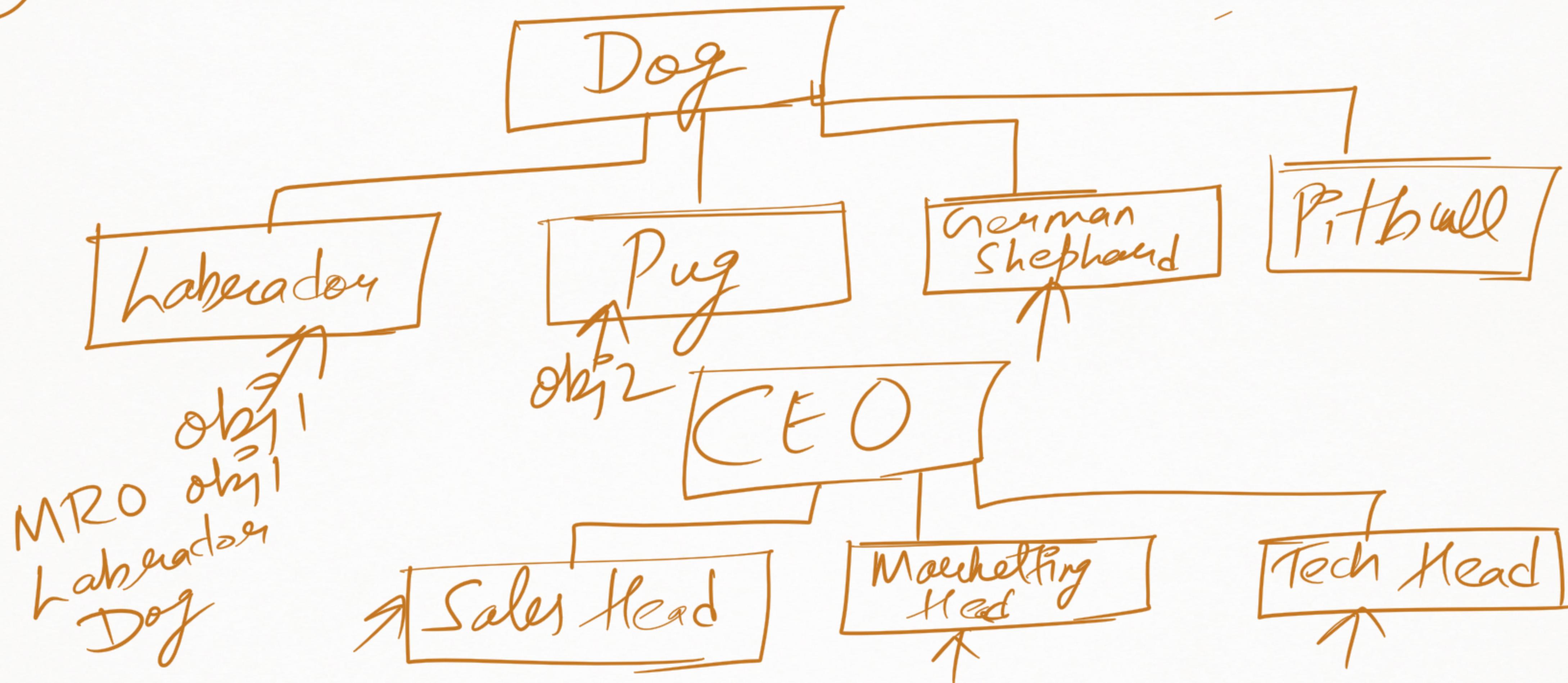
Vehicle



③ Multiple Inheritance



④ Hierarchical Inheritance



⑤ Hybrid Inheritance

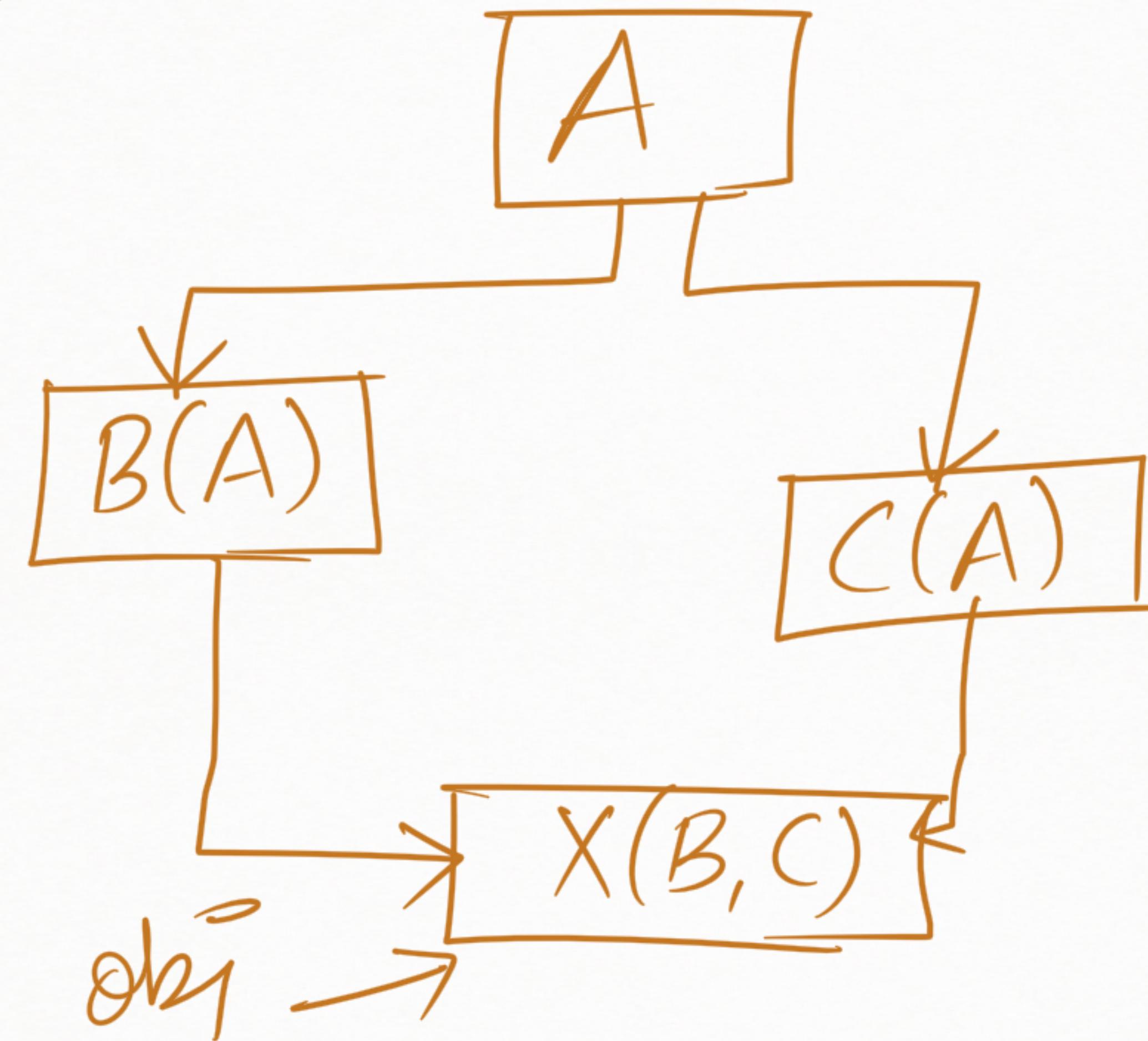
MRO

X ✓

B ✓

C ✓

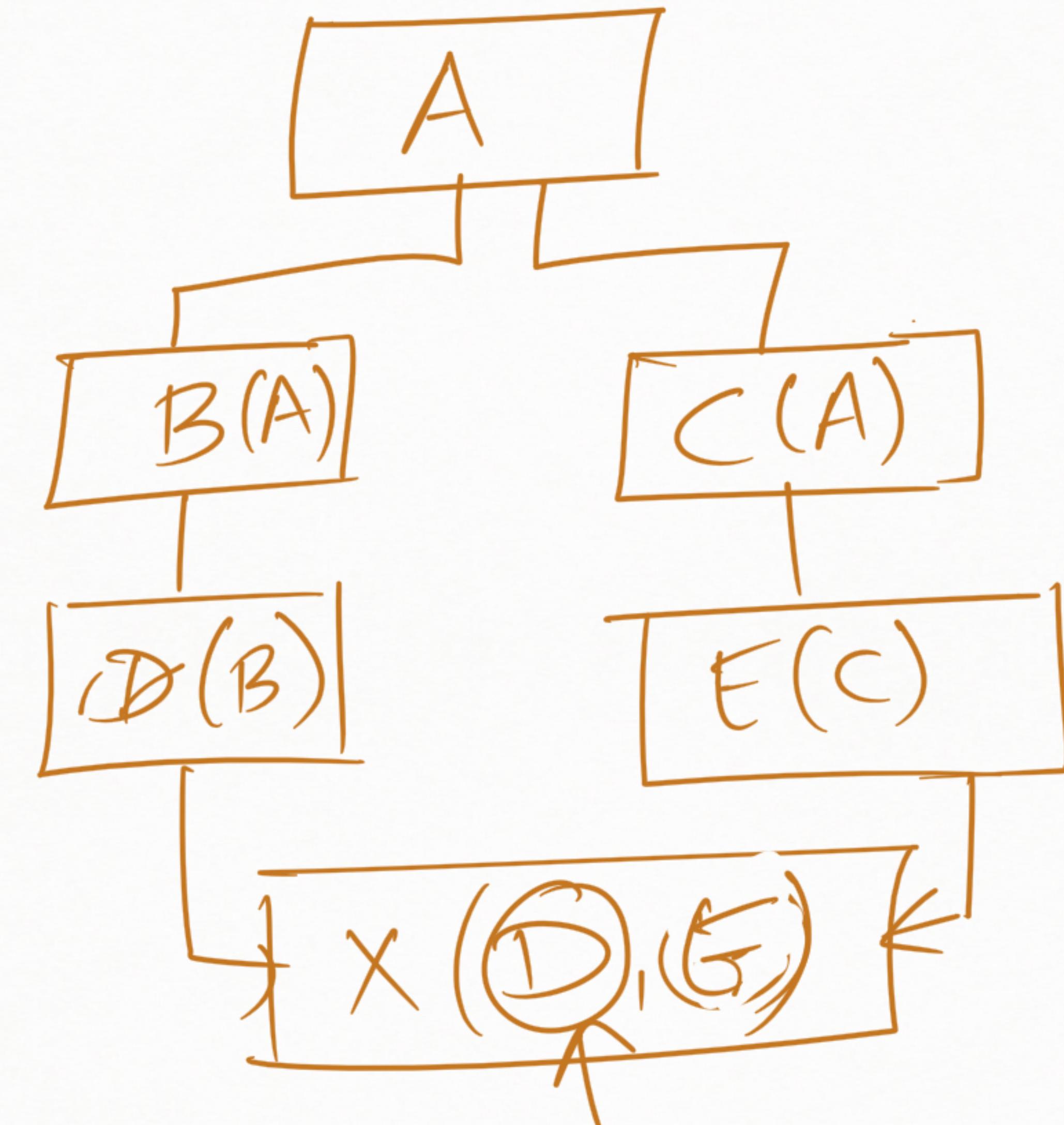
A ✓



Depth
First
left to
Right

MRO

X
D
B
E
C
A



`super()` Keyword

give access to the class of Higher
MRO.

