Agenda

- 5 Dunder Methods
- 9 Inheritance
- 5 Access Specificas
- o Multiple InResitance
 - 1 MRO: Method Resolution Order

class A:
print("Am I a class?")

La obj1 = A() Chia coill not

La if A()

print(A())

Chyech's touth Volue

(a always Touse

Dunder Method

Constructor

Constructor

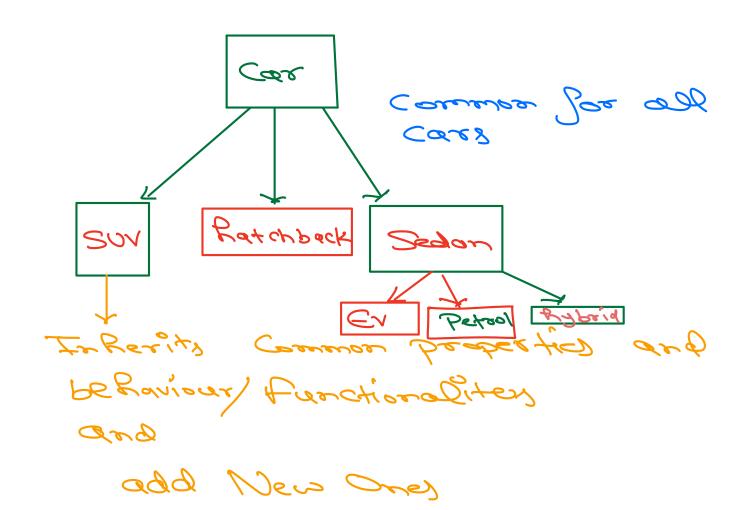
Initializer

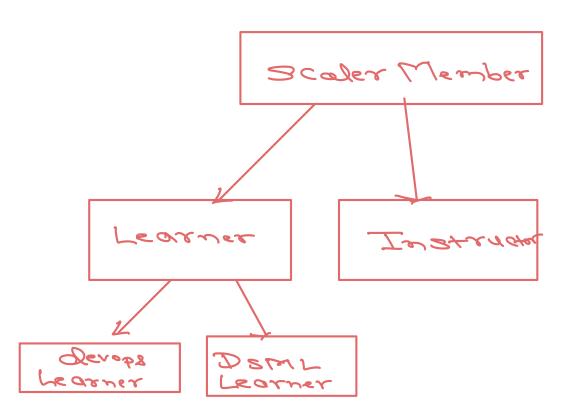
Initializer

```
3 -- add-- (self, object)
```

```
class A:
 def __init__(self, a):
  self.a = a
 def __add__(self, b):
  if isinstance(b, int):
   def __str__(self):
  return f"{self.a}"
one = A(1)
two = A(2)
print(one + two + 100)
     A(3) + 100
              (00175) +
```

Inferitance





Ex: Super() = - init -- (...)

Calls parents intializer

to initialize common

instance Variables

```
class A:
    def do_something(self):
        print("I do something!", end=" ")

class B(A):
    def do_something(self):
        super().do_something()
        print("I also do something!", end=" ")

b = B()
b.do_something()
```

Access Specifics

* Public = Can be accessed from
(default)
any where including Outside
the class

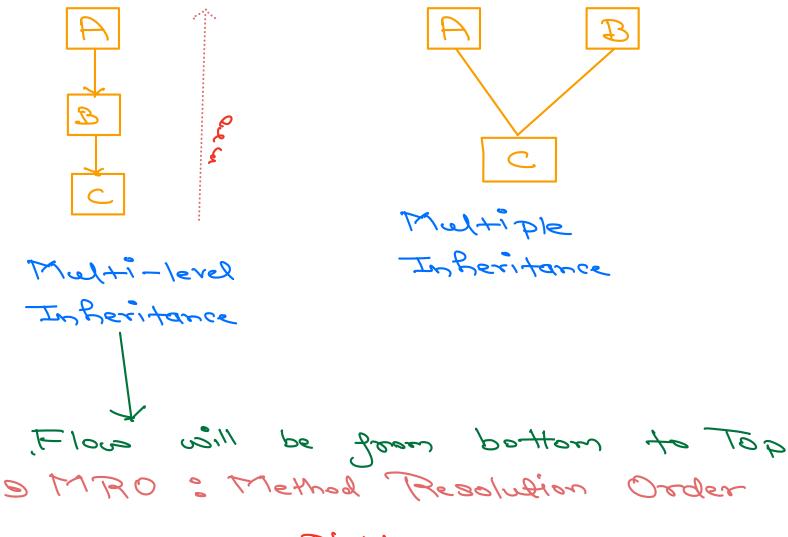
* Private D Can only be accessed inside the class

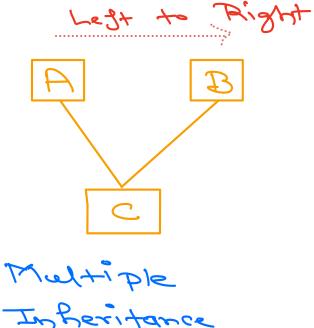
9 to make any Variable as private you can prefix it with __Var-nome

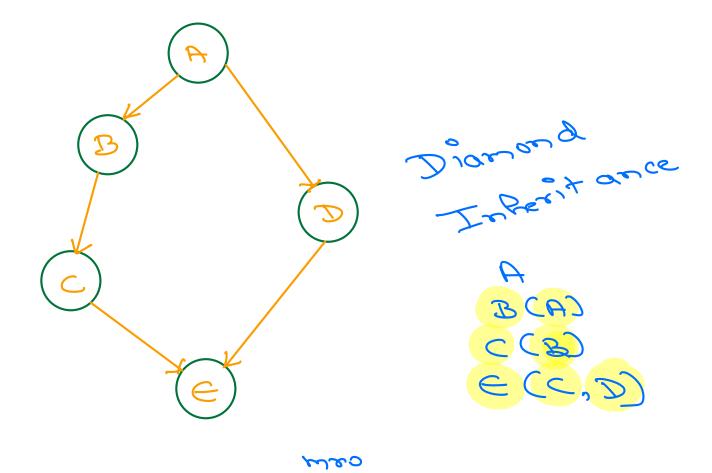
* Name mangling:

-- noundure -- raindure

Multiple Inferitance







 \in \cdot \times

O * Left to Right

De les gates a parent Only when all its childs have been accessed

 $\in \rightarrow \subset -$

A CHO

(C (A, B)

C - & C - A - > P