

- D Revision
- Class Voniable VR Instance Voniable
- Other Dunder/Magic Methods
- Inferitance
- Private Variables
- Maltiple Inferitance 5
- MRO

Instructor Delails

S whatrapp Number:

⑤ G?+ ♀ì~k: https://github.com/ SachinScaler/July24Python2

b objects

-- init-- D Used for creating instance

Self -> Parameter to store instance

 $Q_i = A(1, 2)$ 

How can we access instance Variables

O Inside Class

self. inst-Variable

@ Outside Class

instance-name. met-voniable

Class Variable VR Instance Variable

Class/Static Variable:

DIS Common Variable for all the instances

5 Accessed

D classiame = Variable\_n ame or selp/instance\_name. Varname Class A Class - Von = Value  $Qef - init_- (Self, V1, 12)$  Self, V1 = V1 Self, V2 = V2

H -> Clara-von

insl

V. V2 V2

Dunder/Magic Methods

-- init --

\* \_\_ one called Dunders

Methods starting with -- are also troops as magic methods since they serve special purpose

Ex: D \_\_ str\_ : D Change the way traint Graction masks Ø -- 222 -- ° + 3 -- 2+ --: a < b @ \_\_ call\_\_: A C) (Head List can be viewed with dir (inst) Inferitance child inferits parents 74blic class Variable and Methods In case of some name of Variable or method present in both, child object gives preference to its

0000.

Class A:
Pass

Class B(A):

Pass

Pass

Pass

A:

Class B(A):

Scales Member

Super ().method()

Instagorar

\* How to call parents methods from inside of child? Super (). rosethodrame () 5 Calls immediate parent parent. reethodrame (instance) Private Properties D Access Specifies Pending 1 Multiple InResitance Method Resolution Orde (2) MAO

5) Can't be accessed outside the Class
5) Not in Resited

But why?

How?

Maltiple Inferitance

MRO



B

 $\left( \mathsf{c}\right)$ 

 $\mathcal{D}$ 

In Pappon: Classians. -- meso--

Rules for MRO

```
self_a = a
  def __add__(self, -b):
    if isinstance(b, int):
    return A(self.a + b) # ins3 + int return A(self.a + b.a) # ins3 = ins1 + ins2
  def str (self):
    return f"{self.a}"
one = A(1)
two = A(2)
\# ins1 + ins2 + int
print(one + two + 100)
                                              e → a ≥ 1
                     two. a)
```

class A:

def \_\_init\_\_(self, a):