

Welcome back

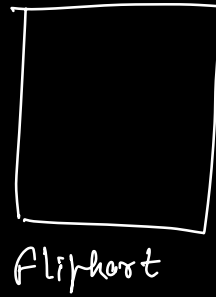
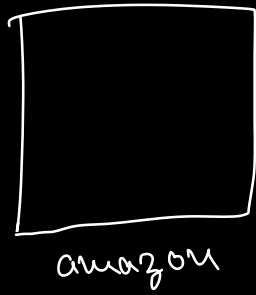
OOPS concept - 2

Agenda for Today ÷

- 1] OOPS concept
- 2] Pillar of oops
- 3] Assignment for classes/oops
- 4] Questions on oops

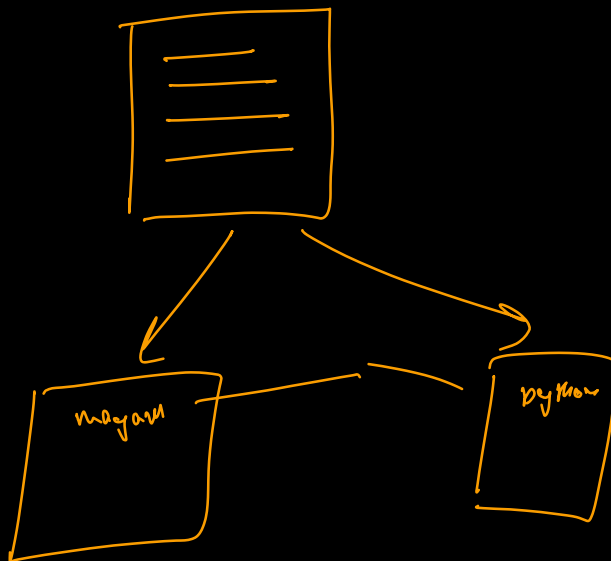
Fraction Class

simplify



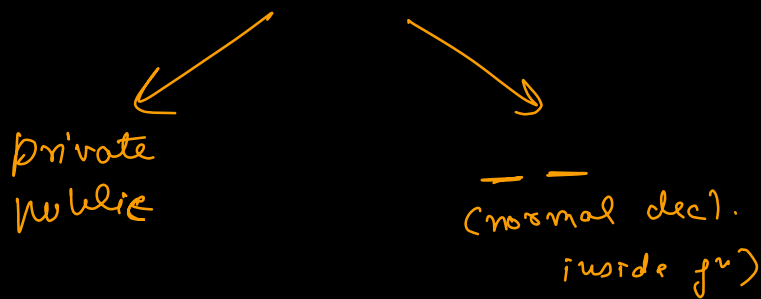
## Instance variable

⇒ they are the variables/  
values which are diff  
for each object.

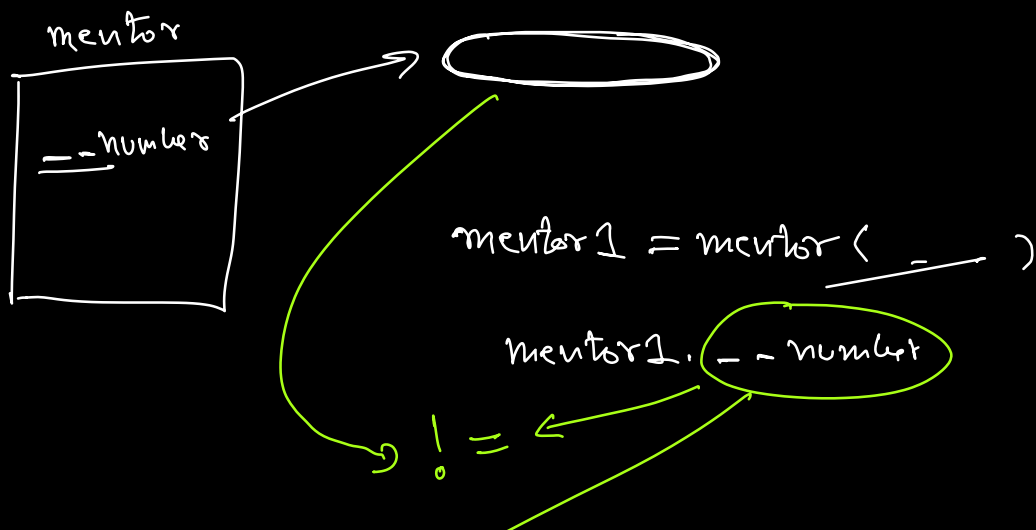


## Access Modifier in python

It is normally not a good practice to keep our variables / instance variables accessible to everyone.



private members are instance variables which can only be accessed inside class.



2. This is not private.

Once you define/make your instance  
variable private using --

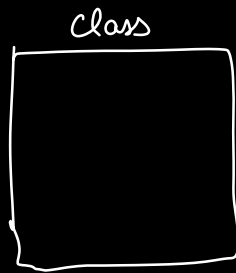
then everywhere access using

-- only

\$

self.mobile  $\neq$  self.--mobile

du/  
procedural



class

objects

variables    methods → magic-methods



-- init --

-- str --

{

they are accessible by everyone  
& its a problem

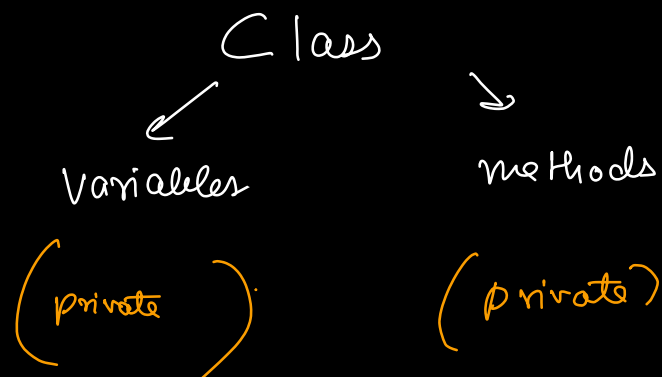
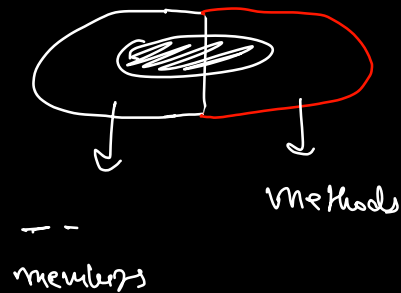
access modifier

everything is public

-- it makes my  
instance variables private.

We make getter & setter to access & change our private variable.

Getter & setter provide us with additional checks & security.



## Static Property

