

# Full stack web development using python

## Classes and Objects



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## Agenda

- ① Syntax of Class
- ② Types of objects
- ③ Creating instance object
- ④ Instance object vs class object
- ⑤ Objects are initially empty

## Syntax of Class

class ClassName :

variables

functions

Class definition must be executed before its use.

# Objects

Three types of objects

- ① Instance Object
- ② class Object
- ③ function Object

# Creating instance Object

Class Test :

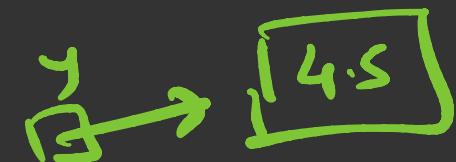
# variables

# functions

x = 5



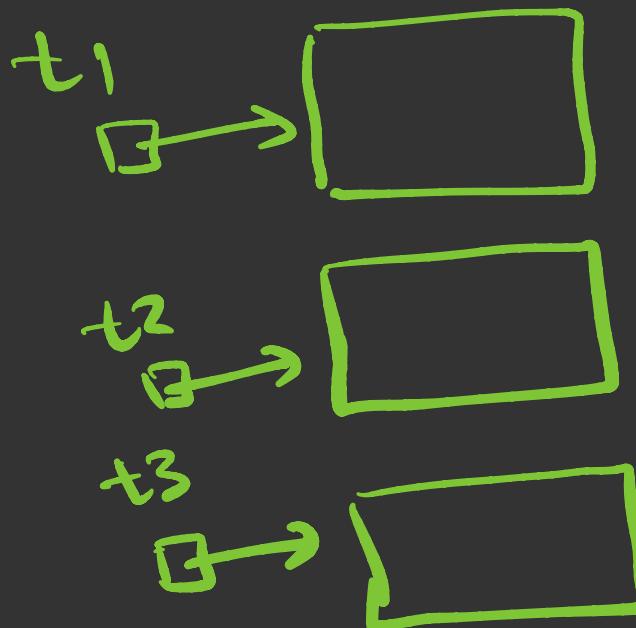
y = 4.5



t1 = Test()

t2 = Test()

t3 = Test()



# Instance Object vs Class Object

Class Test :

# variables

# functions



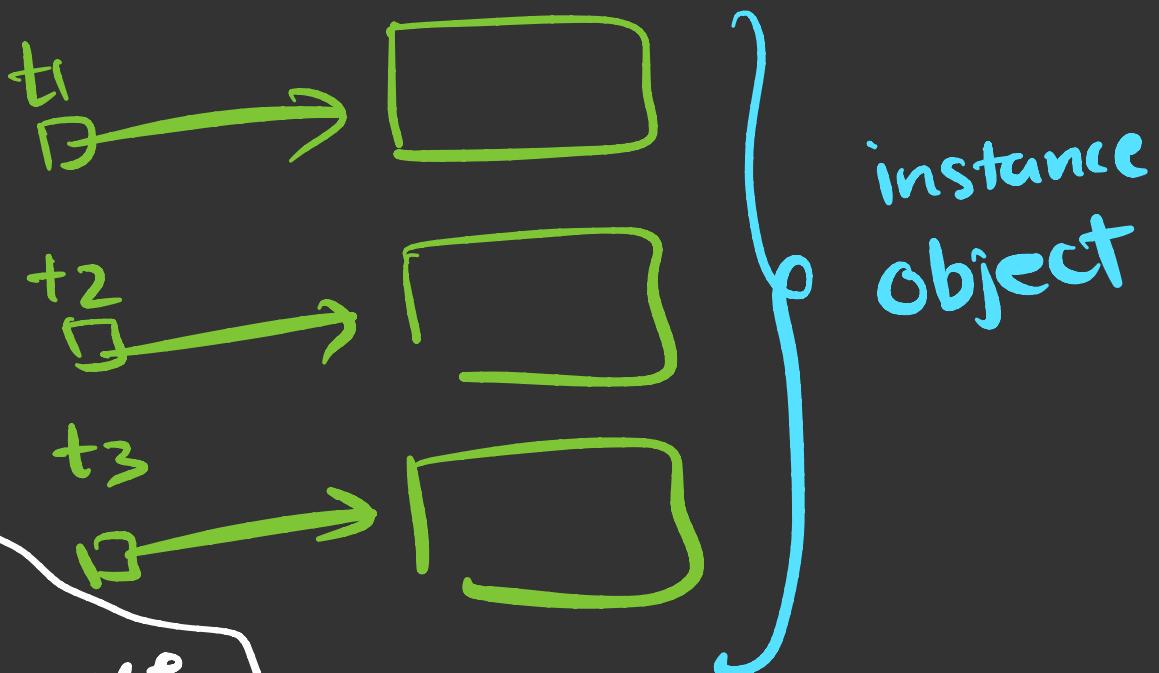
t1 = Test()

t2 = Test()

t3 = Test()

Test - class object

Test() - function call  
to create instance  
object



Instance Object is always empty at the beginning

