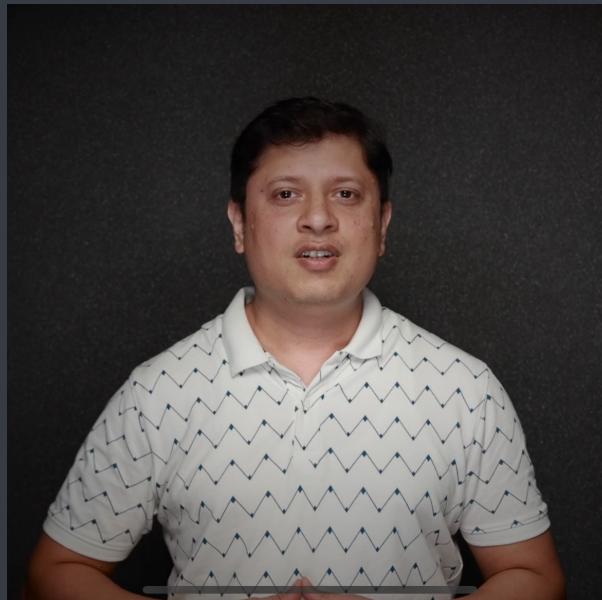


Full stack web development using python

Types of methods



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Agenda

① Types of methods

Types of methods in the class

- ① Instance method
- ② static method
- ③ class method

Instance Method



Class A:

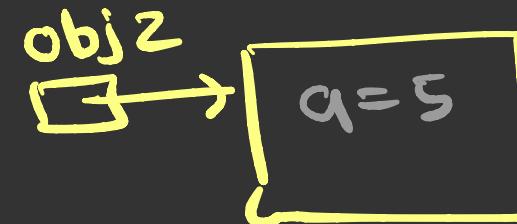
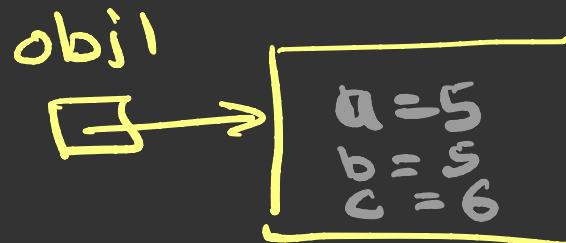
def f1(self):

self.a=5

def f2(self, x, y):

self.b=x

self.c=y



obj1 = A()

obj1.f1() # f1(obj1)

obj2 = A()

obj2.f1() # f1(obj2)

obj1.f2(5,6) # f2(obj1,5,6)

A.f1() Error

A.f1(6) Error

A.f1(obj1) Correct

Static Method

Class A:

```
@staticmethod  
def f1():  
    print("Hello")
```

```
@staticmethod  
def f2(a,b):  
    print(a,b)
```

A.f1()

A.f2(5,6)

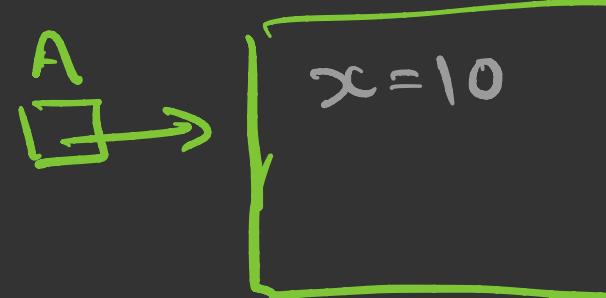
obj1=A()

obj1.f1()

Class Method

class A :

```
@classmethod  
def f1( cls ):  
    cls.x = 10
```



A.f1() # f1(A)

obj1 = A()

obj1.f1() # f1(A) ✓

~~f1(obj1)~~

Instance Method

ClassObject.
instanceObject.

static method

class method

