

Full stack web development using python

Types of variables



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Agenda

- ① Different types of variables
- ② Instance Object Variables
- ③ Class Object Variables
- ④ Ways to create Instance object variables
- ⑤ Ways to create class object variables.

Types of Variables

- ① Global Variables
- ② Local variables
- ③ Instance Object Variables
- ④ static variables or class object variables

Instance Object Variables

class A:

==

Instance object in the beginning empty, class object may have variable or method at the beginning,

obj1 = A()

obj2 = A()

obj1



obj2



Class Object Variables

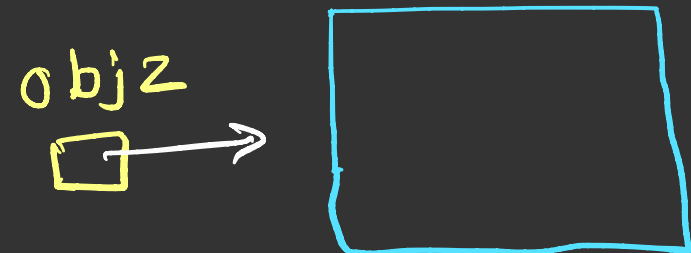
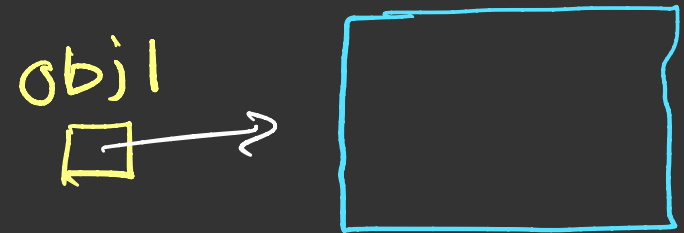
class A:

==



obj1 = A()

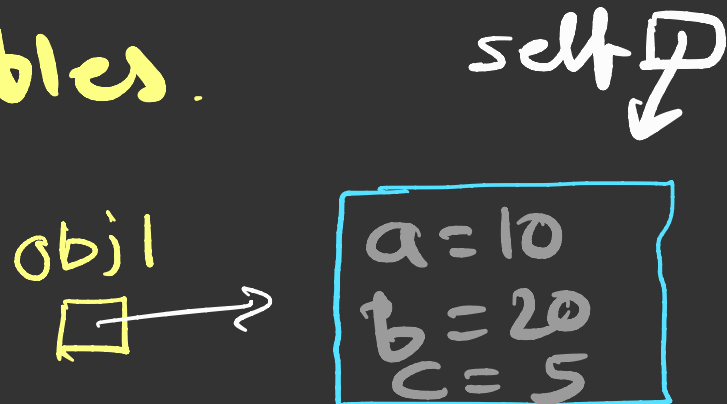
obj2 = A()



Ways to create Instance Object variables

- ① `--init--()` method
- ② any instance method
- ③ Directly through instance object

In simple words, if you have a name referring to the instance object, you can create or access instance object variables.



Ways to create Class object variables

- ① in class body
- ② in class method
- ③ anywhere where you can access class name

A 

```
x1 = 4  
x2 = 7
```

cls
