LAB 07: CLASS FOLDER

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lelo World

This is my classwork for the Lab07 assignment. Feel free to leave any comment for me.

Thanks & Regards!



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01 Part A

Diagram the two Class Folders

02 Part B

Diagram the Execution of p = A(1)

03 Part C

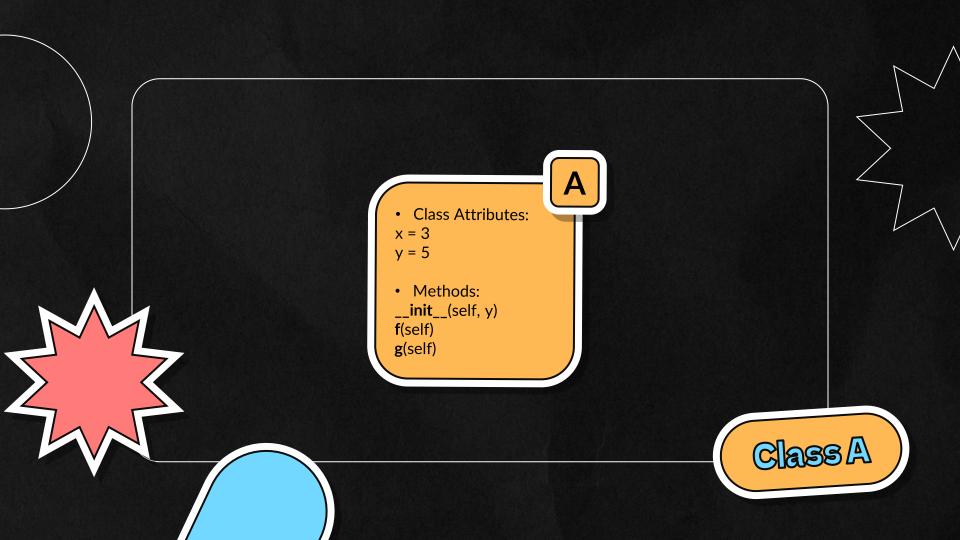
Diagram the Execution of q = B(7,3)

04 Part D

Diagram the Execution of r = q.f()









Class Attributes:

y = 4

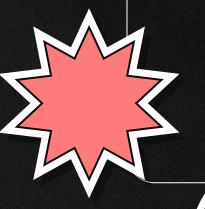
z = 10

Methods:

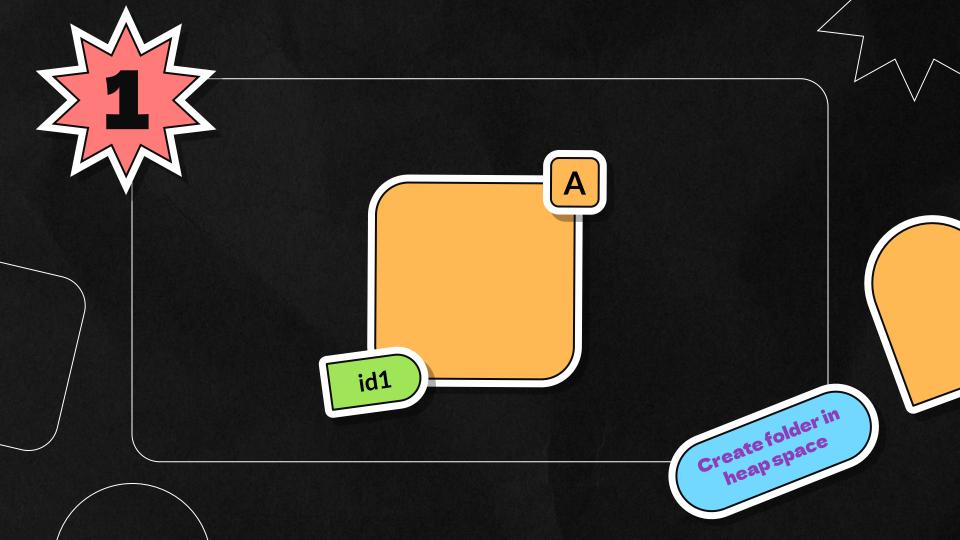
__init__(self, x, y)

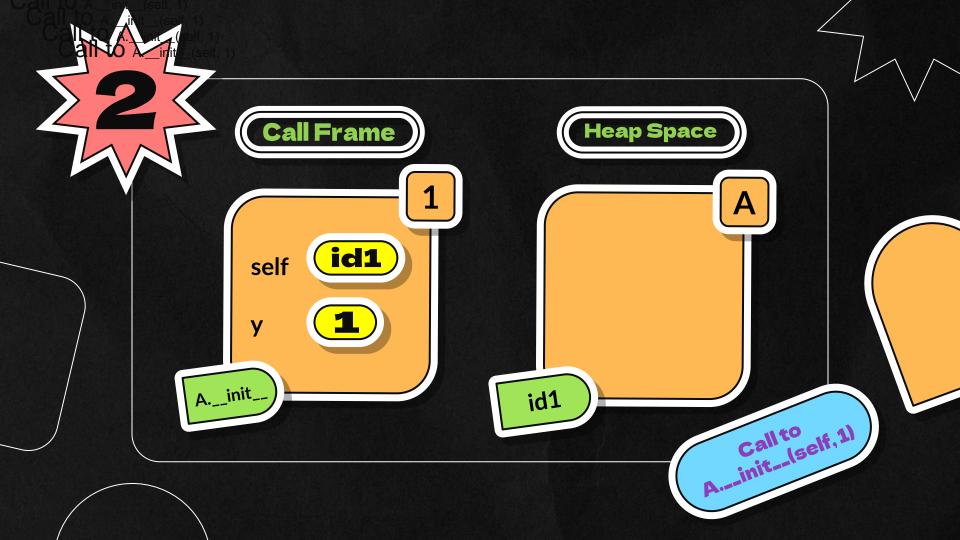
f(self)

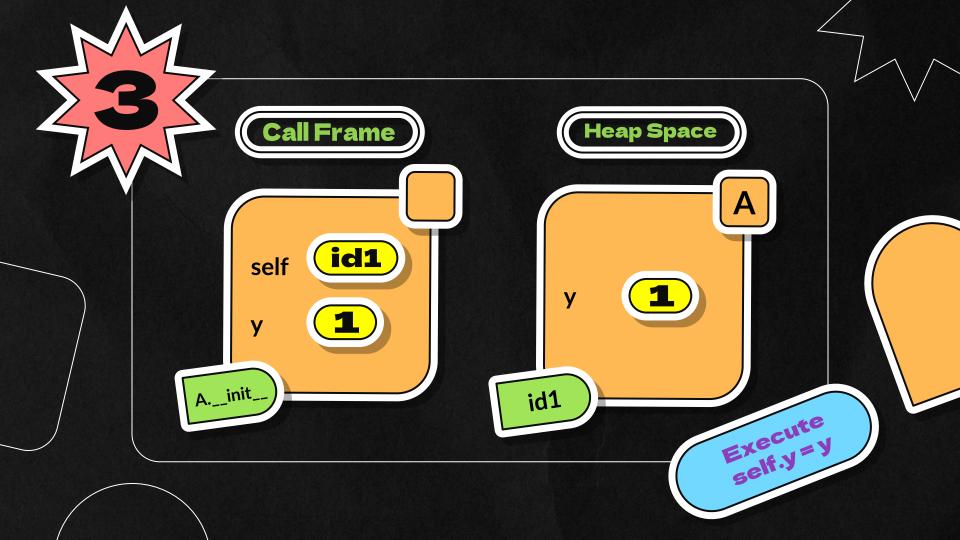




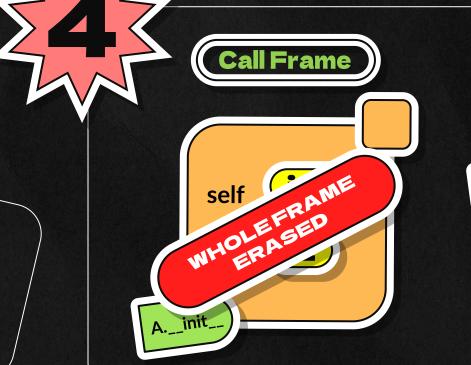












Heap Space



Global Space

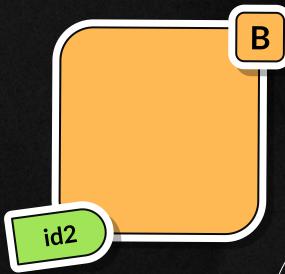
р

id1



Folder Initialization

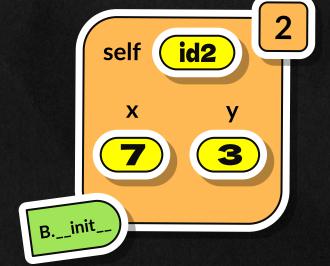




Call Frame

Global Space

Call to B.__init__(self, 7, 3)



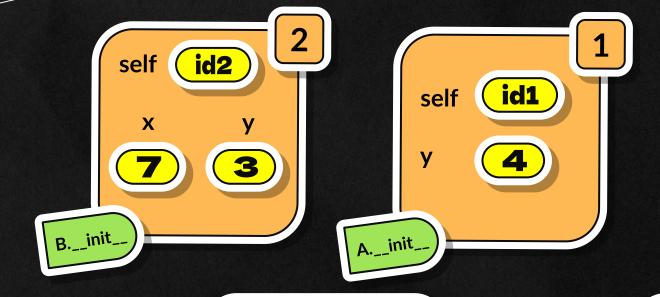


Global Space

x 7

Nested Call Frame
A.__init__(self, 4)

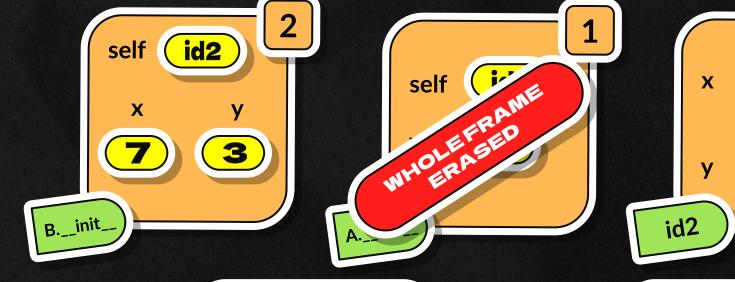




Call Frame

B.__init__ Call Frame



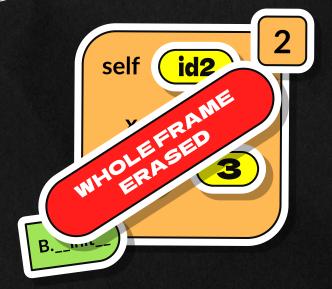


x 7
y 4

Call Frame







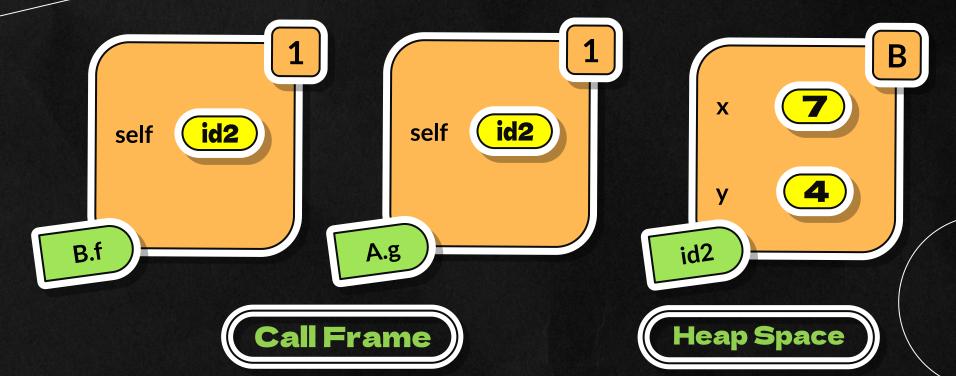
q id2

Call Frame

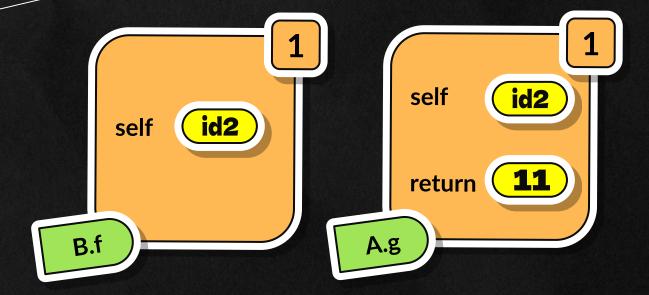
Global Space





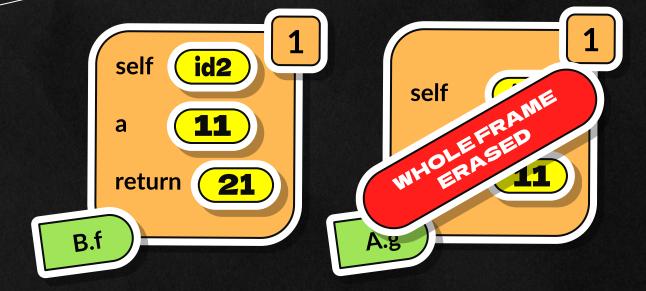






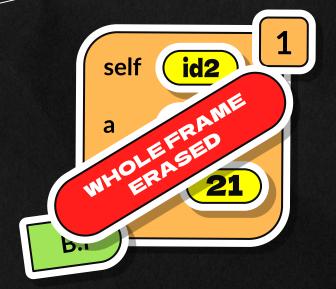
Call Frame





Call Frame





q id2

Call Frame

Global Space



Thanks for your services!



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