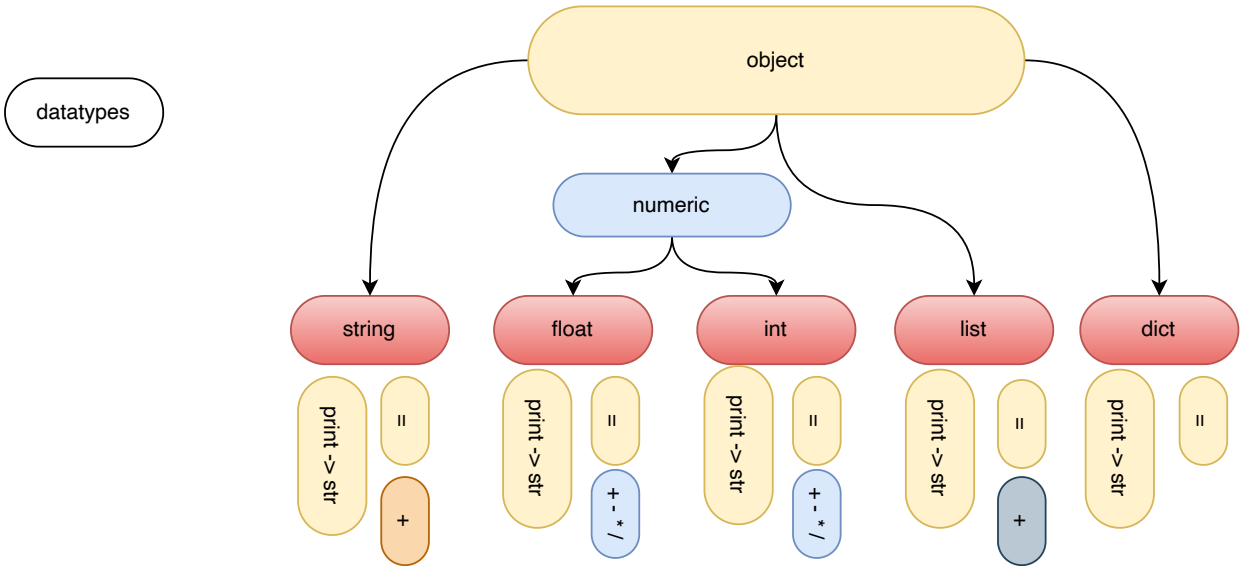
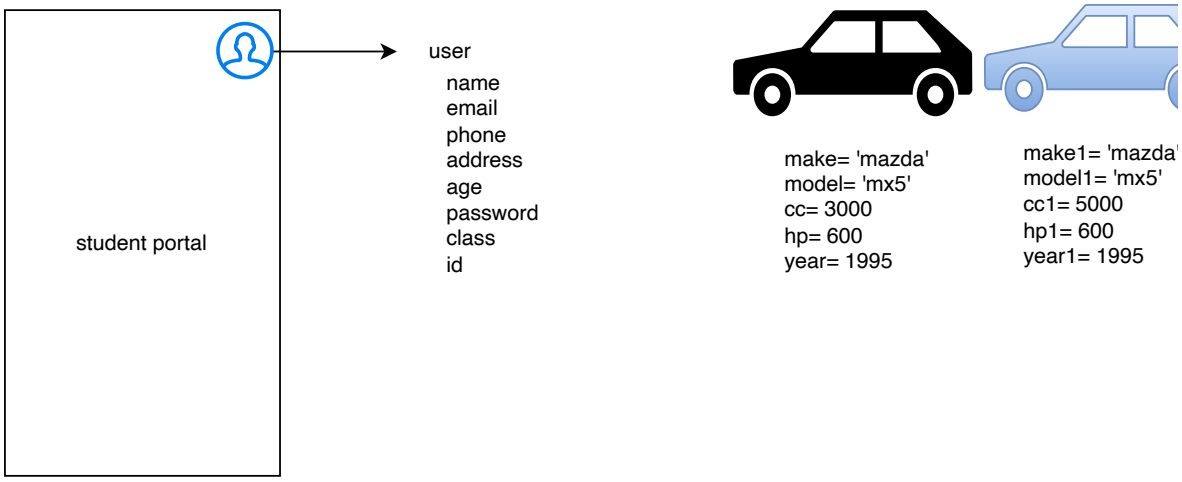
Python object and classess



Class



object

make
model

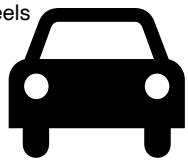
name
age


my_datatype

data

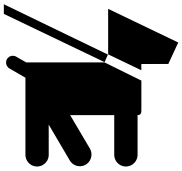
functionallity

cc
hp
color
number of wheels



go()
revrese()
brake()
lights_on()
auto_pilot()
AC()

color
breed



eat()
jump()
bark()
drink()

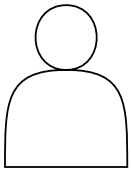
Cor
disc

instance name
ami
cpu
ebs
sg
ip v4

terminate()
start()
connect()
reboot()

ec2

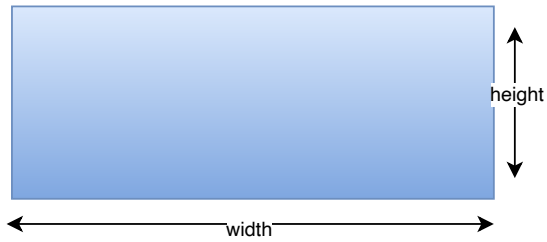
name
age
gender
status
id



work()
eat()
sleep()
learn_devops()

width
heigh
lat:
lang:

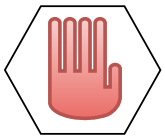
rectangle class



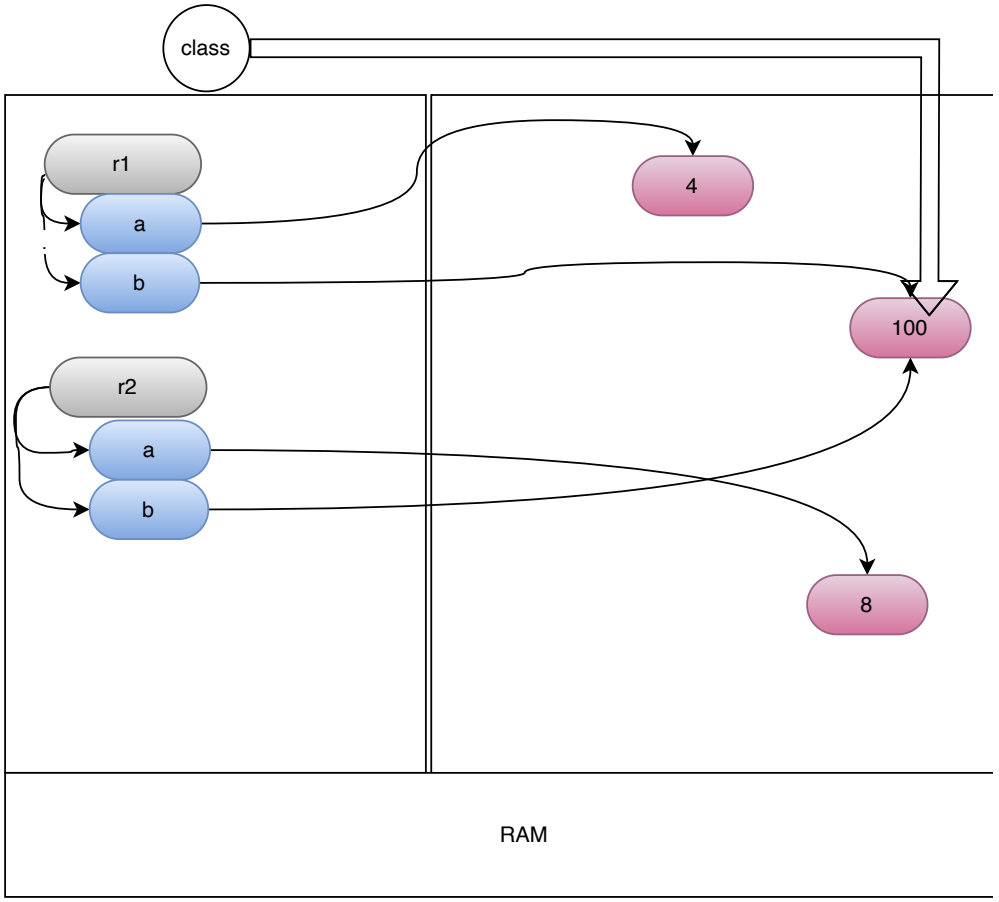

```
class Rect
    a = 4
    b = 2

r1 = Recta
r2 = Recta
r1.a
```

Circle

nect()
connect()

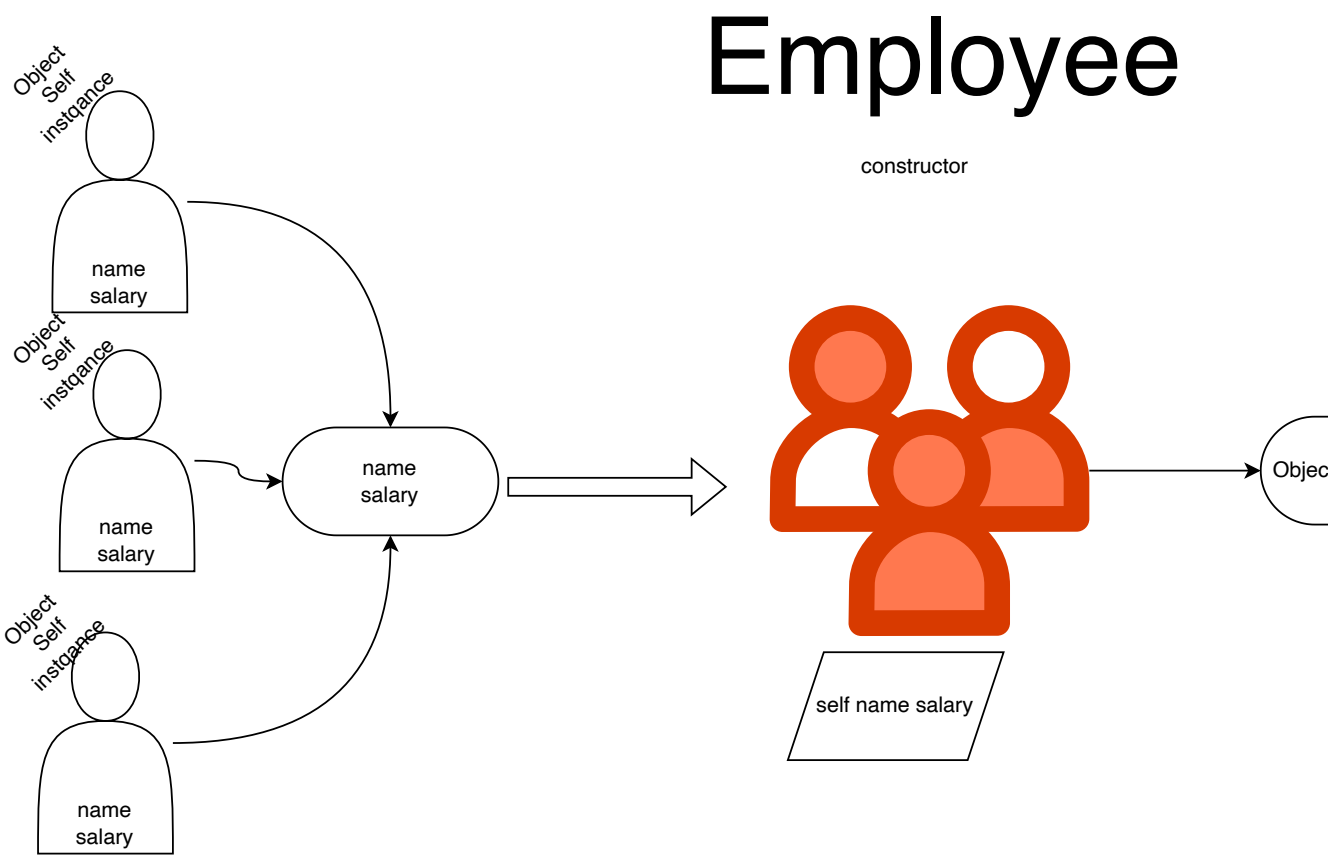


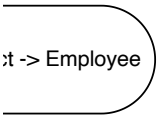
```
angle:


ngle()
ngle()
```

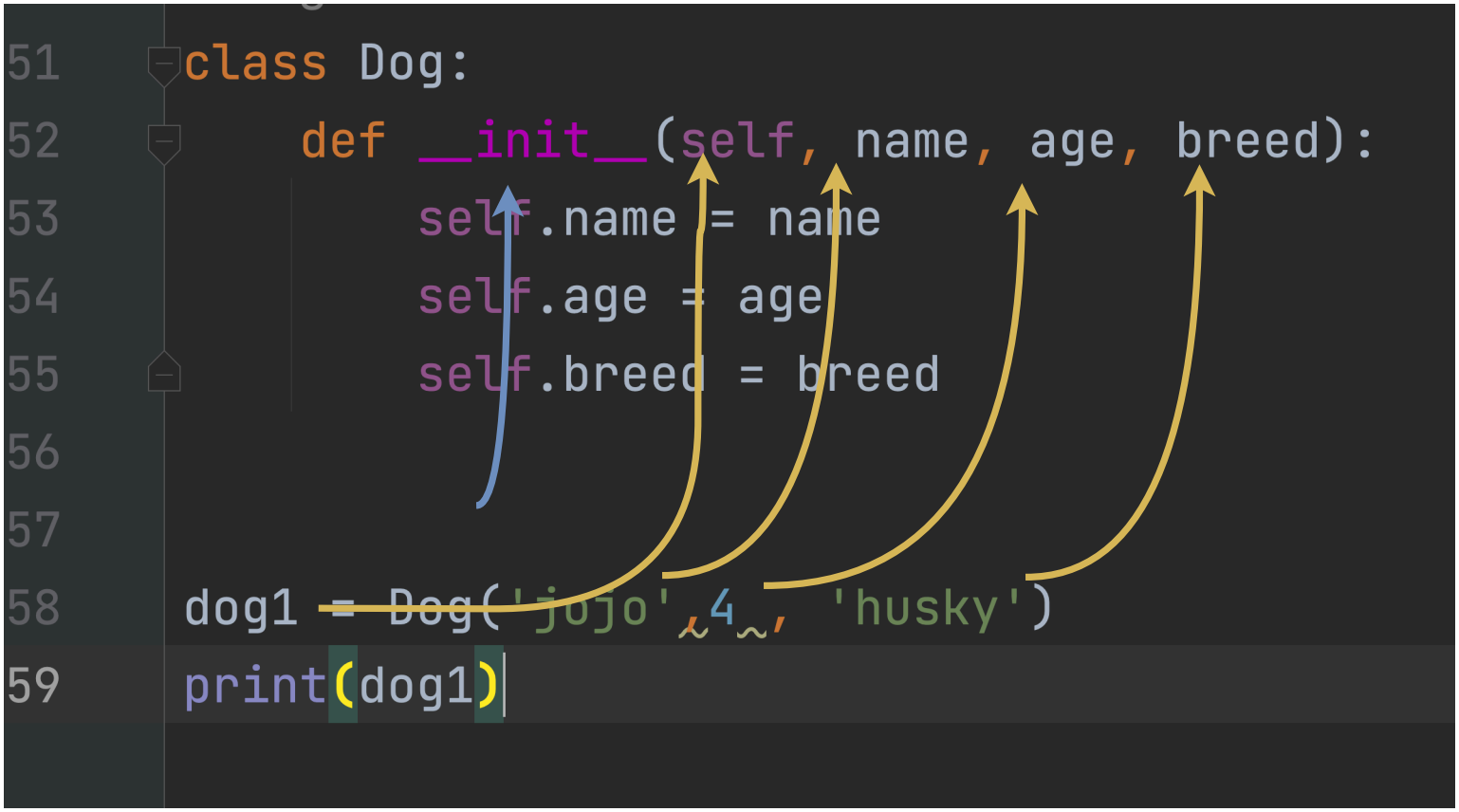



c1
r
color
c2
r
color
border

Employee


constructor
Object
Self
instqance
name
salary
Object
Self
instqance
name
salary
name
salary
Object
Self
instqance
name
salary
self name salary
Objec

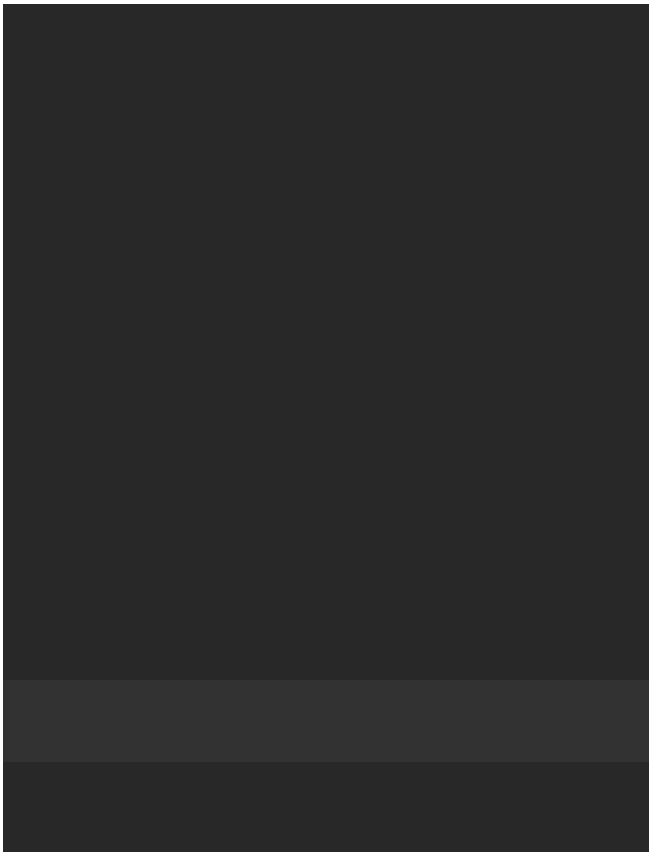

ct -> Employee

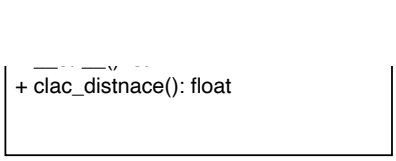


UML

Point
+ x: int + y: int + color : str
+ __init__(int,int,str): None + __str__(): str

clac_distnace function use to calc the distance between 0,0 and self
you can use this formula a^2+b^2 = c^2




+ clac_distnace(): float