

Class in OOP

UTKARSH GAIKWAD

Class

Class is like a blueprint

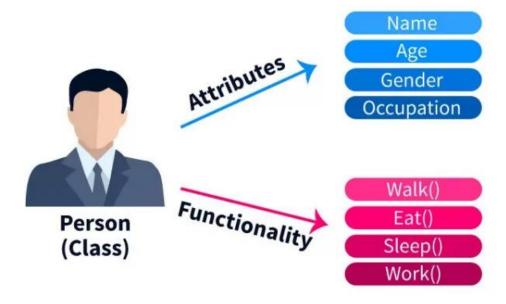
Person wants to bake a cake

He will refer a recipe of a cake

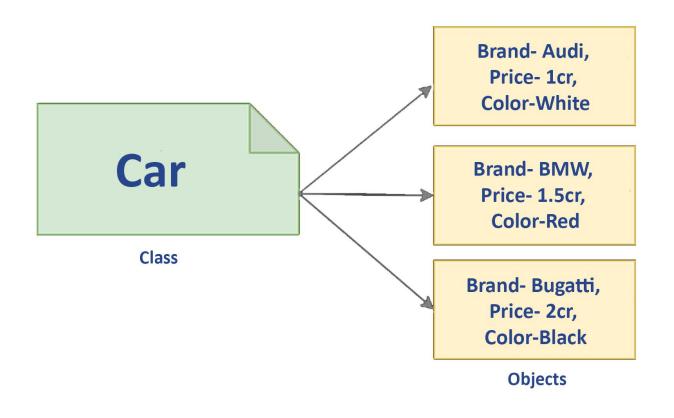
Method to prepare a cake

What is a Class?

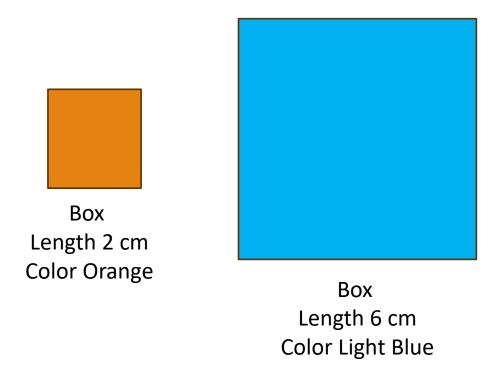
What is Class?



Class Example 3



Class: Box Attributes length, color

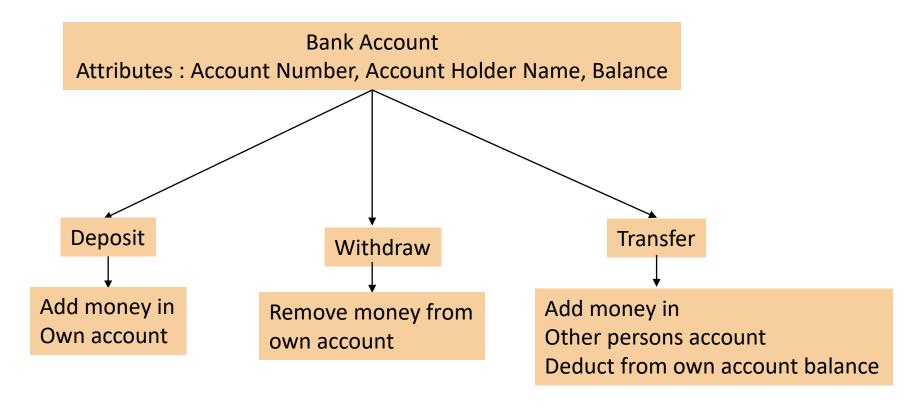


How to define a class in python

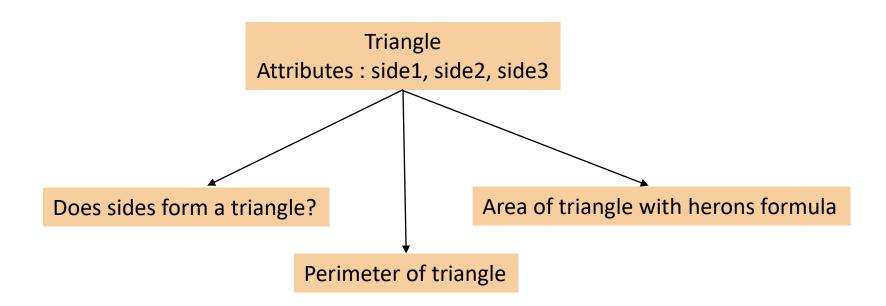
```
class Person: +
                                   Class name
Keyword
                                                                       Constructor
                def __init__(self,name,age,gender,occupation):
                                                                        Function to
                    self.name = name
                                                                        Define attributes
                    self.age = age
                    self.gender = gender
                    self.occupation = occupation
               def talk(self):
                    print(f'Hi there my name is {self.name}')
                                                                        User defined function
                    print(f'My age is {self.age}')
                                                                        talk
                    print(f'I am a {self.gender}')
                    print(f'I work as a {self.occupation}')
```

Bank Account Example

> Advantage of using classes: Bank website/software easy to maintain and update



Student assignment Create Class Triangle with 3 sides



Thank you

PING ME ON SKYPE GROUP FOR ANY QUERIES