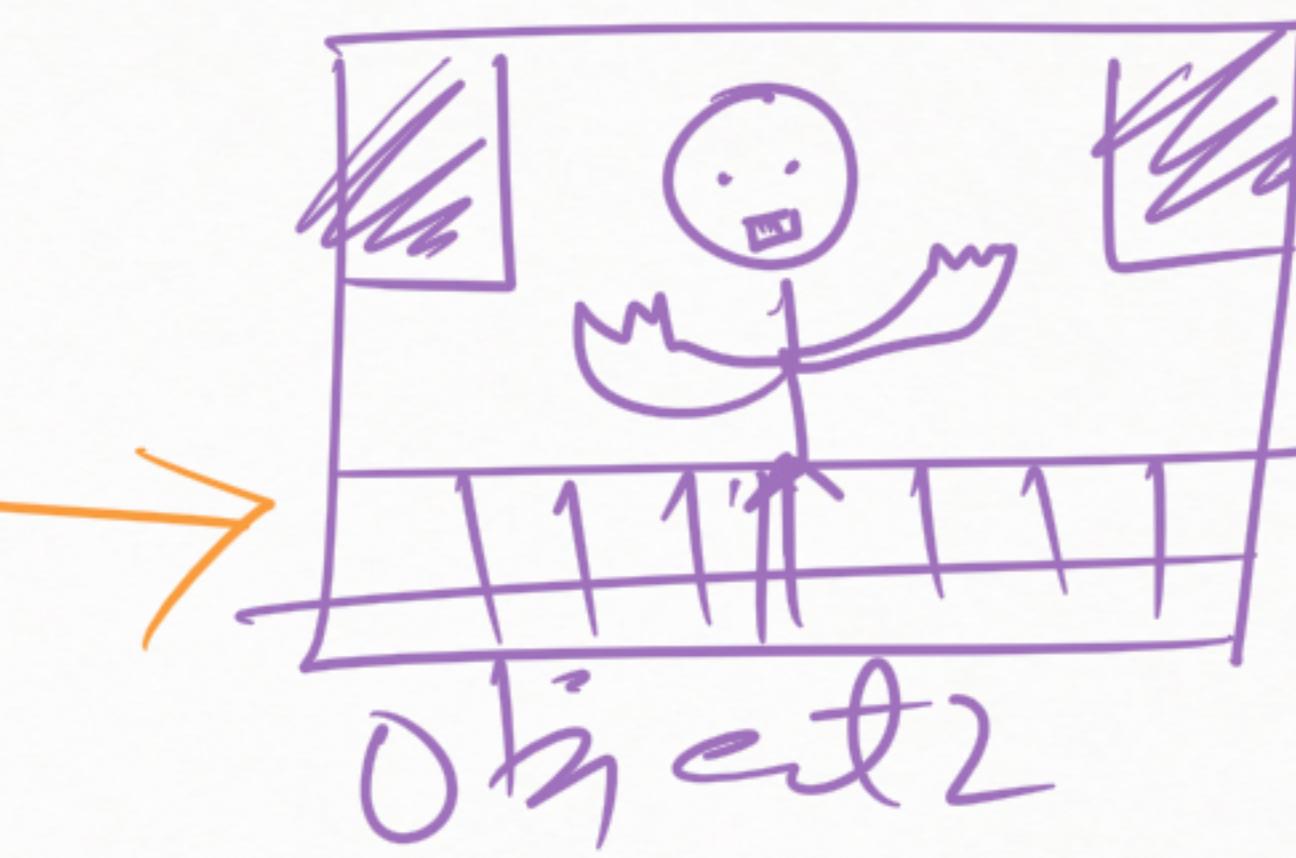
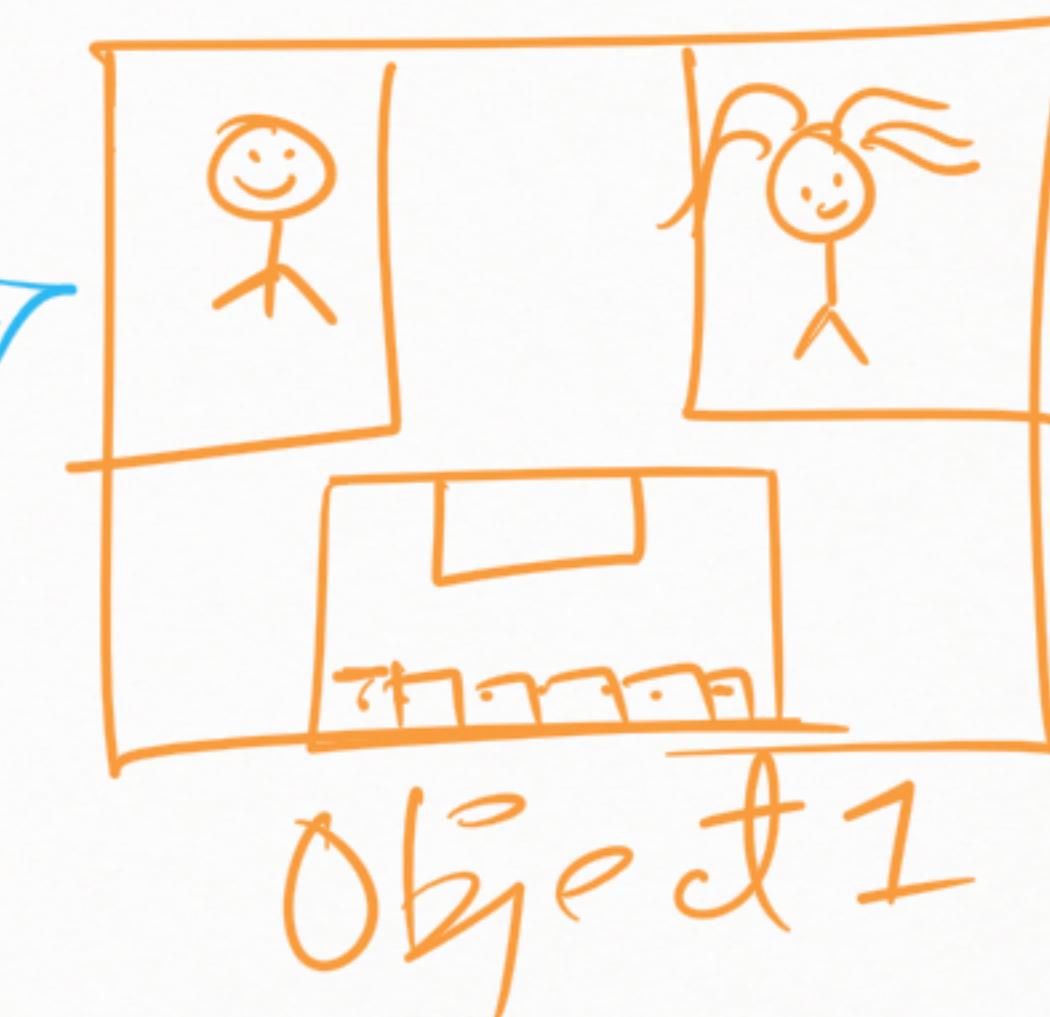
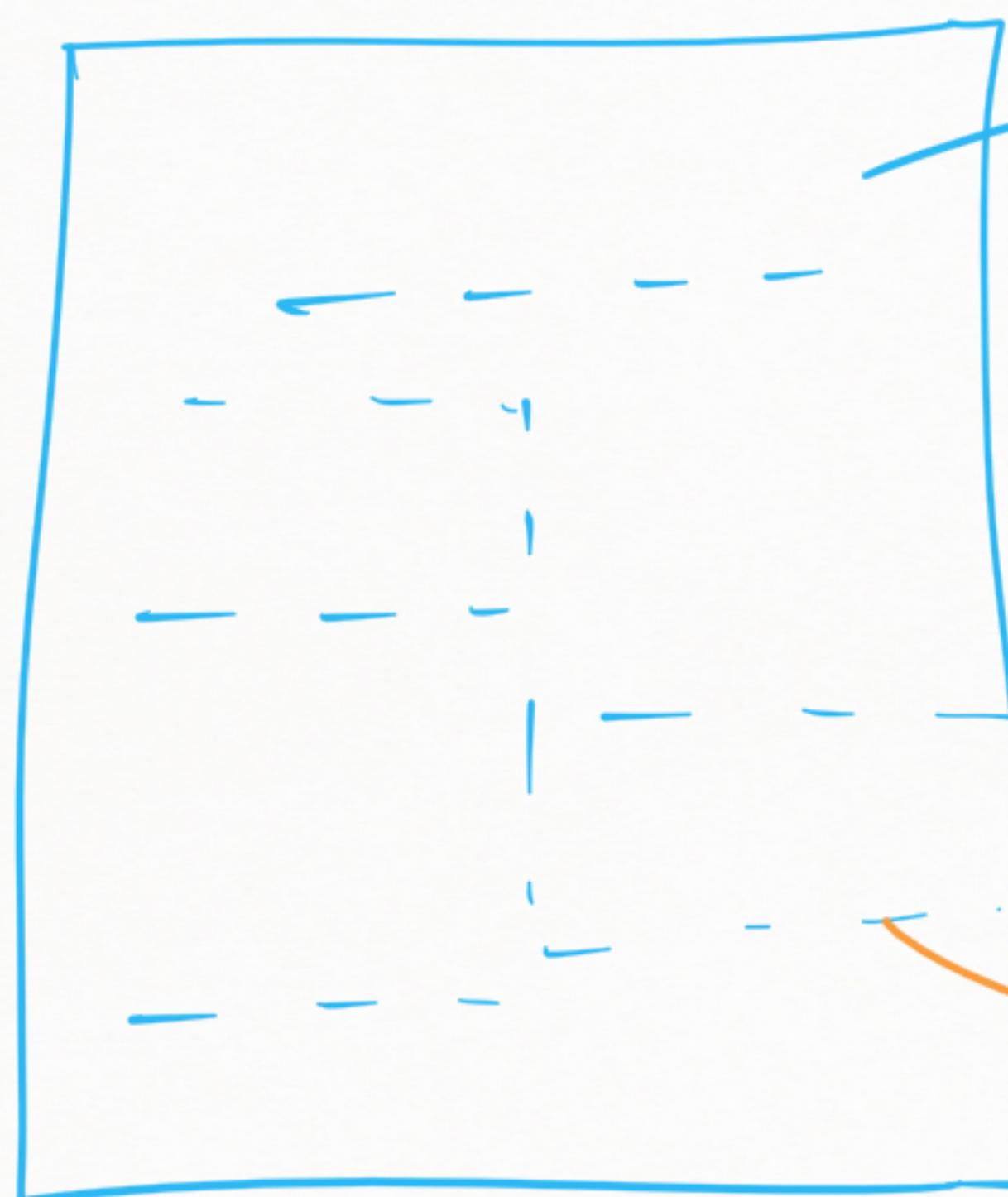
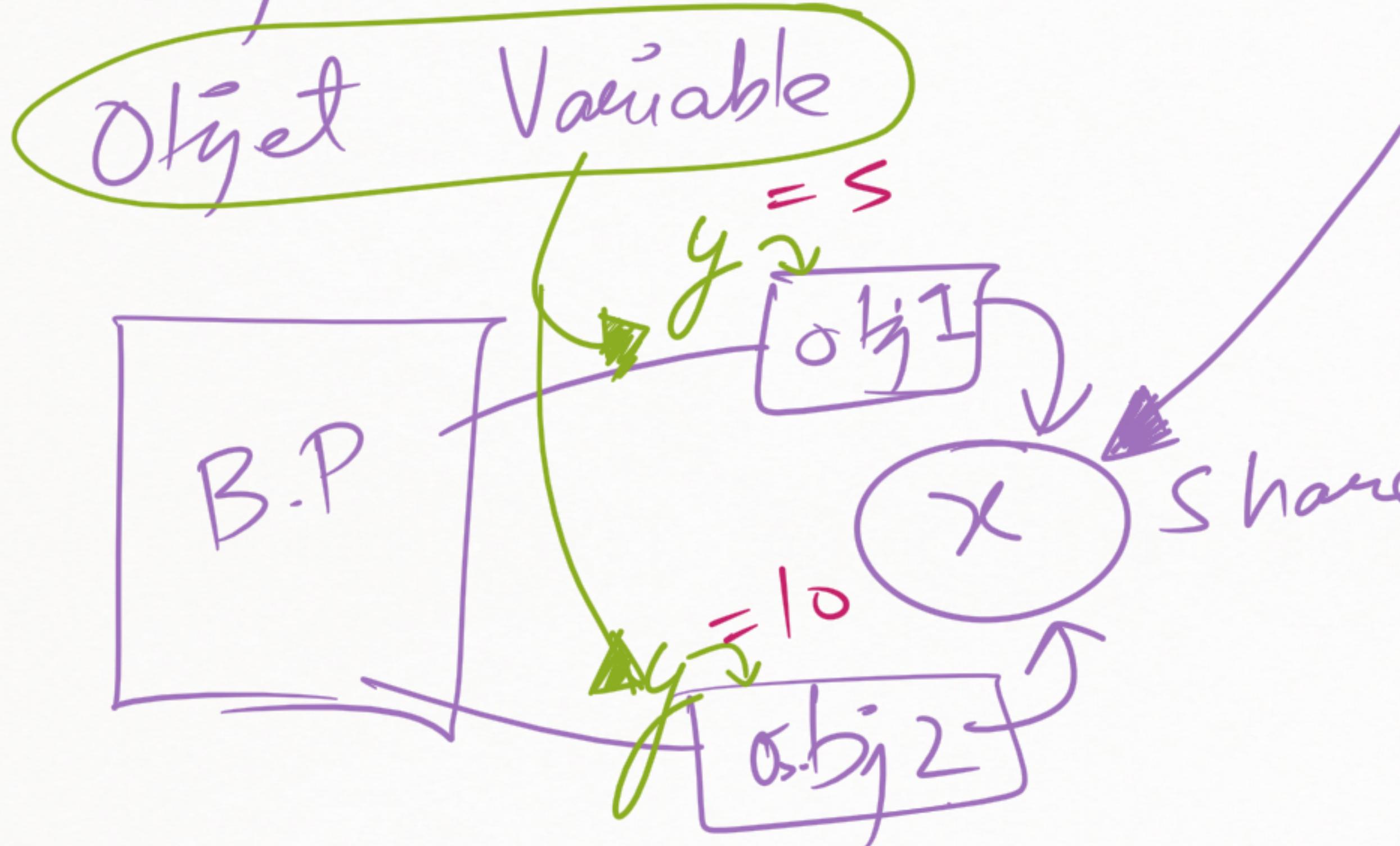


Class Blue point



Object Method



Class Method

Class Variable

* Each object have their own copy of the object variable.

* If they share a common var, it is known as Class Variable.

```

class Person:
    typeofPerson = 'human' # class variable.
    def __init__(self, name, gender): # special object method.
        print('New baby ' + gender + ' is born')
        print('Lets name the ' + gender + ' as ' + name)
        self.name = name # object variable created
        self.gender = gender # object variable created
    def eat(self): # object method
        print(self.name, ' is eating now')

```

Reference
to object
variable

Object method

bhavya = Person('happy girl', 'girl')
bhavya.eat()

bhavya's Value
→ happy girl



Automatically
Calls
__init__
method
Chetan = Person('autedy', 'boy')



bhavya



chetan

```
class Person:
    typeofPerson = 'human' # class variable.
    def __init__(self, name, gender): # special object method.
        print('New baby ' + gender + ' is born')
        print('Lets name the ' + gender + ' as ' + name)
        self.name = name # object variable created
        self.gender = gender # object variable created

    def eat(self): # object method
        print(self.name, ' is eating now')
```

bhavya = Person('happygirl', 'girl')
 chetan = Person('asthah', 'boy')

bhavya.eat()
 => happygirl is eating now.

```

class Person:
    typeOfPerson = 'human' # class variable.
    def __init__(self, name, gender): # special object method.
        print('New baby ' + gender + ' is born')
        print('Let's name the ' + gender + ' as ' + name)
        self.name = name # object variable created
        self.gender = gender # object variable created
    def eat(self): # object method
        print(self.name, 'is eating now')
    @classmethod
    def walking(cls):
        print(cls.typeOfPerson + ' can walk')

```

Annotation
Helping
Class related

Object Variables

name
gender
Object method = eat
__init__

to the
object

Reference

to the class

Class Variables

typeOfPerson

Class Method
walking