

```
In [1]: class Employee :  
  
    #this is class variable  
    employeeCounter = 0  
  
    #constructor  
    def __init__(self,firstName,lastName):  
        self.firstName =firstName  
        self.lastName = lastName  
        Employee.employeeCounter += 1  
  
    #normal or regular method and the first parameter is must reference to the class  
    def setFullName(self):  
        self.fullName = self.firstName + " " + self.lastName  
  
    #class method : the first parameter is must reference to the class itself  
    @classmethod  
    def restEmployeeCounter(cls):  
        cls. employeeCounter = 0
```

```
In [2]: print(Employee.employeeCounter)
```

0

```
In [3]: emp1 = Employee('ahmed',"khalifa")
```

```
In [4]: emp2 = Employee('ahmed_2',"khalifa_2")
```

```
In [5]: emp3 = Employee('ahmed_3',"khalifa_3")
```

```
In [6]: print(Employee.employeeCounter)
```

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note : we call class method through one of the objects and effected on class itself and all another objects

```
In [7]: emp1.restEmployeeCounter()
```

```
In [8]: print(Employee.employeeCounter)  
print(emp1.employeeCounter)  
print(emp2.employeeCounter)  
print(emp3.employeeCounter)
```

0

0

0

0

In []: