

```
In [1]: class Employee :  
        #this is class variable  
        employeeCounter = 0  
        def __init__(self,firstName,lastName):  
            self.firstName =firstName  
            self.lastName = lastName  
            Employee.employeeCounter += 1  
  
        def setFullName(self):  
            self.fullName = self.firstName + " " + self.lastName
```

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

0

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

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

```
In [5]: print(Employee.employeeCounter)
```

2

we can access and modify the class variable by the object not by class name but this will be not effected on any another objects

```
In [6]: emp1.employeeCounter = 100
```

```
In [7]: print(emp1.employeeCounter)  
print(emp2.employeeCounter)  
print(Employee.employeeCounter)
```

100

2

2

```
In [ ]:
```