

# Polymorphism

Polymorphism: many functions

Polymorphism means One name different actions

```
def Driver(car):  
    car.drive()  
  
class Creta:  
    def drive(self):  
        print('Creta is driving')  
  
class Mercedes:  
    def drive(self):  
        print('Mercedes is driving')  
  
c = Mercedes()  
Driver(c)
```

Driver is a function who is driving the car and running cars.. so it is the example of polymorphism a driver can use or run multiple cars means different actions and forms but same function

```
def PetLover(pet):  
    pet.talk()  
    pet.walk()  
  
class Duck:  
    def talk(self):  
        print('Duck is Talking')  
  
    def walk(self):  
        print('Duck is Walking')  
  
class Dog:  
    def talk(self):  
        print('Dog is Talking')  
  
    def walk(self):  
        print('Dog is Walking')
```

# taking method as pet lover and passing parameter as pet

#defining a class duck

#defining class dog

```
d = Dog()  
PetLover(d)
```