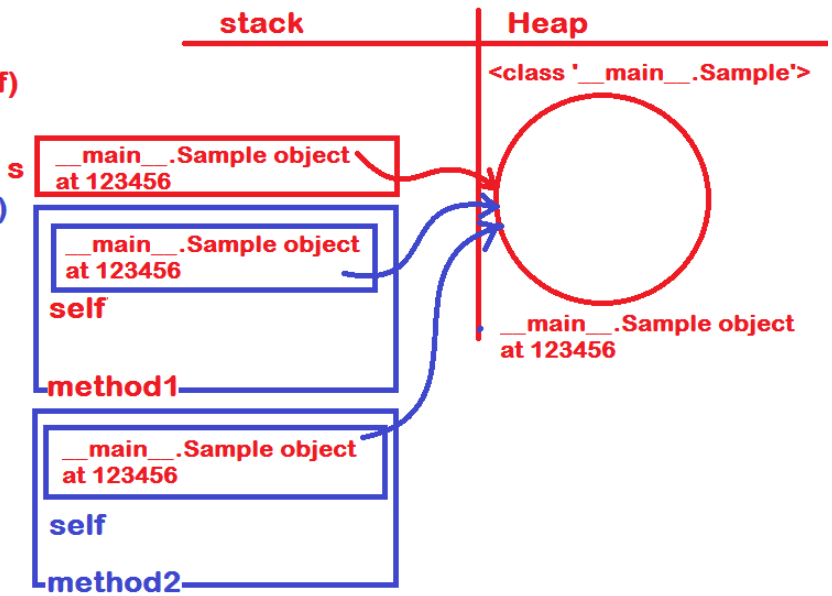
Self:

- If you want define any non static [instance] method then first argument of the should be declare with “self”
- “self” is not keyword
- Every instance method of the class will required
- “self” always referred to current object [hash code]
- “self” appears as same as formal parameter
- “self” is acts as local variable
- “self” count less formal parameter

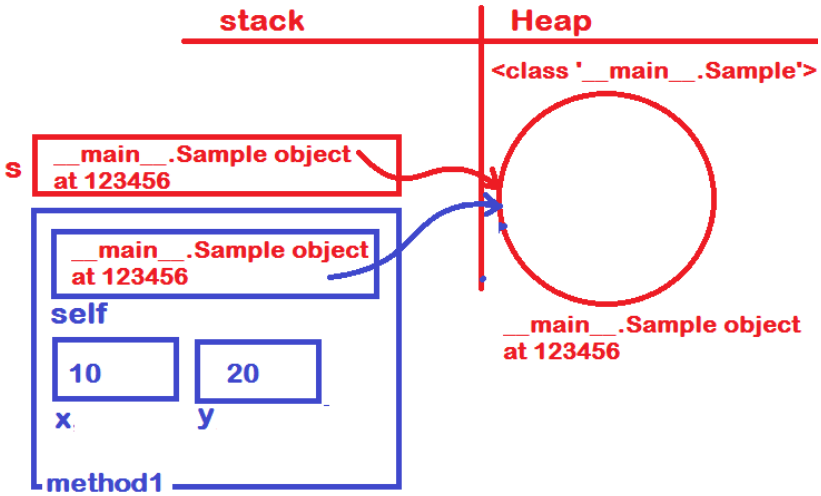
Example:

```
class Sample:
    def method1(self):
        print("From m1 ")
        print("Hcode of cobj is : ",self)

    def method2(self):
        print("From m2")
        print("Hcode of cobj is :",self)

#__main__
s=Sample( )
s.method1()
s.method2()
```



Example 2:

```
class Sample:
    def method1(self,x,y):
        print("From M1 of Sample")
        print("self : ",self)
        print("x val is : ",x)
        print("y val is : ",y)

#Calling
s=Sample()
s.method1(10,20)
s.method1(90,80,70)
            Error
```



Example 3:

```
class Sample:
   def method1(shashi):  #shashi acts as self
      print("From M1 of Sample ")
      print("Hcode of cobj is : ",shashi)

   def method2(sssit): #here sssit acts as self
      print("From M2 of Sample ")
      print("Hcode of cobj is : ",sssit)

#calling
s=Sample()
s.method1()
s.method2()
```