**hasattr ()**: It refers to current object has particular variable or not.

It means has attribute search for particular attribute in particular function.

Ex:hasattr(t1,”x”);it returns True

T1-object

x-attribute

Attribute means member basically**.**

**Getattr():**

It is used to know the value of attribute in the current object.

Ex:

Getattr(t1,”x”);It returns x value

**Setattr():**

**Ex:**

Setattr(t1,”x”,20);It returns x value is 20.

**Delattr():**

It is used to delete the attribute.

Delattr(t1,”x”)

**Shallow copy():**

It means copying the reference of the object to the other object. If we change the data in the second object it reflects on the main object.

c2=copy (c1)

**Deep copy():**

Deep copy is used to copy the data not reference.

C2=deepcopy(c1)

**Object is the base class for all classes.**

\*To make any function as static method we are using the method decorator called **@staticmethod.**

Class p:

@staticmethod

def show():

print (“this is the show fn”)

p.show()🡪It works fine

\*static method does not require self as first argument.

\*static method can be called both with the class name and object name.

P1=p()

P1.show()🡪It works fine