**4.27) What is used to check whether an object o is an instance of class A?**

-> The 'Isinstance()' function is used to check whether an object 'O' is an instance of a class 'A' or any of its derived classes.

**->Example for:-**

#Input

class Animal:

pass

class Dog(Animal):

pass

animal = Animal()

dog = Dog()

print(isinstance(animal, Animal)) # Output: True

print(isinstance(dog, Animal)) # Output: True

print(isinstance(dog, Dog)) # Output: True

print(isinstance(dog, Animal)) # Output: True (Dog is a subclass of Animal)

print(isinstance("cat", Animal)) # Output: False ("cat" is not an instance of Animal)