Explain Inheritance in Python with an example? What is init? Or What Is A Constructor In Python?

ANS: Inheritance means that the child class can inherit the attributes and methods of the parent class

Example:

class A:

    def fun1(self):

        print("Method1")

class B:

    def fun2(self):

        print("Method2")

class C(A,B):

    def fun3(self):

        print("Method3")

obj=C()

obj.fun1()

obj.fun2()

obj.fun3()

* \_\_init\_\_ is a special method in Python classes. It is called a **constructor** because it is automatically called when a new object of the class is created.

Example:

class Rectangle:

    def \_\_init\_\_(self, length, width):

        self.length=length

        self.width=width

    def area(self):

        return self.length\*self.width

rect=Rectangle(10, 5)

print("Area of rectangle:", rect.area())