**Experiment No. 04**

**Aim: To study and implement Classes, Objects and Inheritance in Python**

**Code:**

Class and Object

class Person:

def \_\_init\_\_(self,fname,lname):

self.firstname=fname

self.lastname=lname

def printname(self):

print(self.firstname,self.lastname)

p1=Person('Devansh','Mehta')

p1.printname()

print("Modification")

p1.firstname=('Rohit')

p1.printname()

print("Deletion:")

del(p1)

p1.printname()



**Inheritance in Python**

class Person:

def \_\_init\_\_(self,fname,lname):

self.firstname=fname

self.lastname=lname

def printname(self):

print(self.firstname,self.lastname)

class Student(Person):

def \_\_init\_\_(self,fname,lname):

super().\_\_init\_\_(fname,lname)

a=Student('Devansh','Mehta')

print("Derieving from parent class")

a.printname()

