''import sys

a=[1,2,3,4,5]

ref=sys.getrefcount(a)

print("reference count=",ref)

import sys

a=[] #count==2

b=a #now count--3

c=b # now count==4

ref=sys.getrefcount(a)

print("reference count=",ref)

'''

import gc

gc.enable()

gc.disable()

l1=[1,2,3]

d1={'a':1,'b':2}

s1="Garbage Collection"

del l1

del d1

del s1

gc.set\_threshold(100,5,5) #100-- short lived 5--medium lived 5--lived for long time

print('current threshold is :',gc.set\_threshold())

collected=gc.collect()

print(f"Garbage Collector collected {collected} objects")