**Practical 8A**

**# Define a function() that takes two lists**

def overlapping(list1,list2): c=0

d=0

for i in list1: c+=1

for i in list2: d+=1

for i in range(0,c): for j in range(0,d):

if(list1[i]==list2[j]): return 1

return 0 list1=[1,2,3,4,5]

list2=[6,7,8,9]

if(overlapping(list1,list2)): print("overlapping")

else:

print("not overlapping") def overlapping(list1,list2):

c=0 d=0

for i in list1: c+=1

for i in list2: d+=1

for i in range(0,c): for j in range(0,d):

if(list1[i]==list2[j]): return 1

return 0 list1=[1,2,3,4,5]

list2=[6,7,8,9]

if(overlapping(list1,list2)): print("overlapping")

else:

print("not overlapping")

**Output:**

not overlapping not overlapping