**Lists**

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Section: BS-CS

Q1.

1. Code

a = [1,3,5]

b = [2,4,6]

c = a+b

print(c)

output:



1. Code

c.append(7)

c.append(8)

c.append(9)

print(c)

output:



1. Code

print(c[0:3])

output:



1. Code

print(b[-1])

output:



1. Code

print(len(a))

output

1. Code

#minimum value in c

for i in c:

if i < c[0]:

c[0] = i

min\_num = c[0]

print(min\_num)

print(c)

output:



1. Code

# for average

Sum = 0

for i in c:

Sum+=i

counter+=1

Average = Sum/len(c)

print(Average)

output:



1. Code

c[4]=42

output:



Q2:

Code:

# returns True if they have at least one common member.

def check(list1,list2):

for i in list1:

if i in list2:

return True

else:

return False

list1 = [1,3,4,5,3,5,3]

list2 = [2,3,4,5,6,7]

answer = check(list1,list2)

print(answer)

output:

