1. Select all the correct options to join two lists.

listOne = ['a', 'b', 'c', 'd']

listTwo = ['e', 'f', 'g']

1. newList = listOne + listTwo
2. newList = extend(listOne, listTwo)
3. newList = listOne.extend(listTwo)
4. newList.extend(listOne, listTwo)
5. Create an list of elements and execute the following functions: reverse, append, extend, count,sort.

a)Reverse

alist = [1,2,3,4,5,6]

alist.reverse()

print(alist)

[6, 5, 4, 3, 2, 1]

b)append

alist = [1,2,3,4,5,6]

alist.append(7)

print(alist)

[1, 2, 3, 4, 5, 6, 7]

c)extend

alist = [1,2,3,4,5,6]

blist = ['All','numbers']

alist.extend(blist)

print(alist)

[1, 2, 3, 4, 5, 6, 'All', 'numbers']

d)count

sports = ['hockey','cricket','badminton','cricket']

print(sports.count('cricket'))

2

e)sort

numbers = ['1','2','3','6','5']

(numbers.sort())

print(numbers)

1. Write a Python program to print a specified list after removing the 0th, 4th and 5th elements.

Sample List : ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']  
Expected Output : ['Green', 'White', 'Black']

Ans a = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']

a.remove('Red')

print(a)

'Green', 'White', 'Black', 'Pink', 'Yellow']

a.remove('Pink')

print(a)

['Green', 'White', 'Black', 'Yellow']

a.remove('Yellow')

print(a)

['Green', 'White', 'Black']

1. What is the output of the following list operation

aList = [10, 20, 30, 40, 50, 60, 70, 80]

print(aList[2:5])- [30, 40, 50]

print(aList[:4])- [10, 20, 30, 40]

print(aList[3:])- [40, 50, 60, 70, 80]

1. Select all the correct options to copy a list

aList = ['a', 'b', 'c', 'd']

1. newList = copy(aList)
2. newList = aList.copy()
3. newList.copy(aList)
4. newList = list(aList)
5. Create an list of elements and slice & dice it.

Ans alist = [1,2,3,4,5,6]

print(alist)

alist[2:4]

[3, 4]

1. Given a Python list you should be able to display Python list in the following order

aLsit = [100, 200, 300, 400, 500]

**Expected output:**

[500, 400, 300, 200, 100]

Ans aLsit = [100, 200, 300, 400, 500]

aLsit.reverse()

print(aLsit)

[500, 400, 300, 200, 100]

1. What will be the output of the following code snippet?

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

print(a[3:0:-1])

Ans [4, 3, 2]

1. Add item 7000 after 6000 in the following Python List

list1 = [10, 20, [300, 400, [5000, 6000], 500], 30, 40]

**Expected output:**

[10, 20, [300, 400, [5000, 6000, 7000], 500], 30, 40]

Ans list1 = [10, 20, [300, 400, [5000, 6000], 500], 30, 40]

list1[2][2].append(7000)

print(list1)

[10, 20, [300, 400, [5000, 6000, 7000], 500], 30, 40]