PYTHON CODE

#### ****Task 1:**** Given a two list. Create a third list by picking an odd-index element from the first list and even index elements from second.

For Example:

listOne = [3, 6, 9, 12, 15, 18, 21]

listTwo = [4, 8, 12, 16, 20, 24, 28]

Expected Output:

Element at odd-index positions from list one

[6, 12, 18]

Element at even-index positions from list two

[4, 12, 20, 28]

Printing Final third list

[6, 12, 18, 4, 12, 20, 28]

----------------------------------------------\*\*\*\*\*\*\*\*\*\*\*\*\*\*-----------------------------------------

#### Task 2: Given an input list removes the element at index 4 and add it to the 2nd position and also, at the end of the list

For example: List = [54, 44, 27, 79, 91, 41]

Expected Output:

Original list [34, 54, 67, 89, 11, 43, 94]

List After removing element at index 4 [34, 54, 67, 89, 43, 94]

List after Adding element at index 2 [34, 54, 11, 67, 89, 43, 94]

List after Adding element at last [34, 54, 11, 67, 89, 43, 94, 11]

----------------------------------------------\*\*\*\*\*\*\*\*\*\*\*\*\*\*-----------------------------------------

**Task 3:**

#### Given a list slice it into a 3 equal chunks and rever each list

For Example: sampleList = [11, 45, 8, 23, 14, 12, 78, 45, 89]

Expected Outcome:

Original list [11, 45, 8, 23, 14, 12, 78, 45, 89]

Chunk 1 [11, 45, 8]

After reversing it [8, 45, 11]

Chunk 2 [23, 14, 12]

After reversing it [12, 14, 23]

Chunk 3 [78, 45, 89]

After reversing it [89, 45, 78]

----------------------------------------------\*\*\*\*\*\*\*\*\*\*\*\*\*\*-----------------------------------------