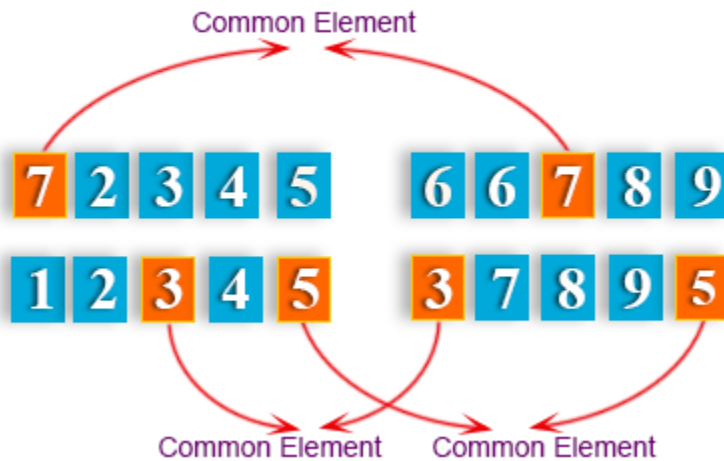


## (CL1002) Programming Fundamentals Lab

### Lab 10 List Task:

- Before doing the task, I recommend you all to go through the lab manual. It will make it easy for you all to understand this.
  - Copied task will be awarded **zero** marks.
  - Upload only a MS word and PDF file including all tasks source code and its output (screen shot).
  - You have to copy the source code in your word file. Don't take the screen shot of source code.
  - Use the following format for naming the word file Rollno\_name (21P-1234\_zain).
  - All statements should be commented
- 
1. Create a list which contains the first three odd positive integers and a list b which contains the first three even positive integers.  
a= [1, 3, 5]  
b= [2, 4, 6]
    - Create a new list c which combines the numbers from both lists (order is unimportant).
    - Append 7, 8 and 9 to the end of c.
    - Print the first three elements of c.
    - Print the last element of b.
    - Print the length of a
    - Find the minimum value in list c (Do not use built-in function)
    - Find the average/mean value from list c (Donot use built-in function)
    - Insert fourth element in list c 42
  2. Write a Python function that takes two lists and returns True if they have at least one common member.



### Additional Task (Not Graded)

3. Write a Python **function** to get unique values from a list. (DONOT use SETS)

Your function take **list** as a **parameter**.

**Return** a new\_list having unique numbers.



4. Write a function that takes unsorted list as a parameter and return a sorted list in descending order (**Donot use any built-in function**)