

Lab Report-01:

Problem-01:

<https://www.hackerrank.com/challenges/find-second-maximum-number-in-a-list/problem?isFullScreen=true>

Problem-02:

Given a list of numbers, swap adjacent items in pairs (`A[0]` with `A[1]`, `A[2]` with `A[3]`, etc.). Print the resulting list. If a list has an odd number of elements, leave the last element in place

Problem-03

Given a list of unique numbers, swap the minimal and maximal elements of this list. Print the resulting list.

Problem -04:

Write a Python program to count the number of strings from a given list of strings. The string length is 2 or more and the first and last characters are the same.

Sample List : ['abc', 'xyz', 'aba', '1221']

Expected Result : 2

Problem -05:

Write a python program which contains a list of the some names of items.

case-01: Find out the length of each item and store in an another list.

case-02: Access each item's name and convert the lower case letters into uppercase as well as convert the uppercase letters into lowercase letters.