Session 2 Exercises

1. Choose a list of your choice and find the sum of all elements of that list. For example, the sum of [6,9,7,5,4] is 31.
   Note: You cannot use sum () function here

2. Write a program that returns a list which contains common elements from two lists. Avoid the duplicate elements from lists.
   For example
   a = [1, 1, 3, 5, 7, 9, 9]
   b = [2, 1, 6 ,9, 2, 1, 3, 5]

   The result should be [1, 3, 5, 9]

   Note: You cannot use if-else statement here.

3. Suppose you have a list [1, 5, 7, 12 ,15]
   Print each number using loop. Also, print the square of each number using loop.

4. Write a code to ask an input from the user which is a string and display the string along with its length.
   Note: You cannot use len () function here.

5. Write a code to ask an input from the user which is a string and convert it to uppercase and lowercase.