

Functions

1. Write a Python function that accepts a string and calculates the number of uppercase letters and lowercase letters.
2. Write a Python function to create and print a list where the values are squares of numbers between 1 and 30 (both included).
3. Create a function that counts the number of elements within a list that are greater than 30.
4. Write a Python function that takes a list and returns a new list with unique elements of the first list.
5. Create a function showEmployee() in such a way that it should accept employee name, and it's salary and display both, and if the salary is missing in function call it should show it as 9000
6. Write a Python program to count the even, odd numbers in a given array of integers using Lambda.
7. Write a Python program to add two given lists using map and lambda

8. Write a Python program to rearrange positive and negative numbers in a given array using Lambda and filter

9. Write a Python program to filter a list of integers using Lambda.

10. Write a Python program to find the intersection of two given arrays using Lambda and filter.