

Problem 1 : Write a Python function that takes a list and returns a new list with unique elements from the first list.

Problem 2 : Write a Python program to reverse print a list using recursion.

Problem 3 : Write a function that inputs a number and prints the multiplication table of that number

Problem 4: Write a program to reverse an integer number using for loop or while loop.

Example : 1435

Result : 5341

Problem 5 : Write a python function that takes a string and checks if it's palindrome or not.

Example : "madam" "cat"

Result : "Palindrome", not palindrome

Problem 6 : Write a python program where you will be given a list [5,2,4,3,2,3] and a target value 2 and you have to get the index of the list when the target value appears for the first time. (do it by user inputting the list and target value)

For example : here 2 occurs in [1] index for the first time.

Problem 7: write a python function that takes a list and prints only the positive numbers from the list. Hint : (Can use the continue keyword)

Problem 8 : Write a recursive function that accepts a number as its argument and returns the sum of digits or you can use a loop to solve it.

Example : 2331

Output : 9

Problem 9 : Write a recursive function that takes in a list of integers, and returns the sum of only odd numbers inside the list.

Problem 10 : Write a python program having two list and compare the values inside the list and make a new list with only the unique values and the new list must be sorted.

Example : [1,4,5,6,7] , [2,1,3,4,5] newList = [2,3,6,7]