Questions,3feb,2022

1.Write a Python program to find x that minimizes mean squared deviation from a given a list of numbers.

2.Write a Python program to select a string from a given list of strings with the most unique characters.

3.Write a Python program to find the indices of two numbers that sum to 0 in a given list of numbers.

4.Write a Python program to find the list of strings that has fewer total characters (including repetitions).

5.Write a Python program to find the coordinates of a triangle with the given side lengths.

6.Write a Python program to rescale and shift numbers of a given list, so that they cover the range [0, 1].

7.Write a Python program to find the sum of the numbers of a given list among the first k with more than 2 digits.

8.Write a Python program to compute the product of the odd digits in a given number, or 0 if there aren't any.

9.Write a Python program to find the largest integer divisor of a number n that is less than n.

10.Write a Python program to sort the numbers of a given list by the sum of their digits.