Lab # 1

Lab Tasks

Task # 1: Calculate the multiplication and sum of two numbers. If the product is less than or equal to 1000, return the product; otherwise, return their sum.

Task # 2: Print the sum of the current number and the previous number for the first 10 numbers.

Task # 3: Print characters from a string that are present at even index numbers.

Task # 4: Write a program to get a string from user and remove the first n characters from a string and return a new string.

Task # 5: Write a program to generate a random number between 1-100 and find whether it is even or odd.

Task # 6: Write a program to declare an array of integers and print its elements. Implement a function to find the sum of all elements in an integer array.

Task # 7: Create two arrays of equal length and perform element-wise addition.

Task # 8: Write a function to remove duplicates from an array and return the unique elements.

Task # 9: Implement a function to check if two strings are anagrams using arrays.

Task # 10: Write a program to calculate the area of a triangle.