**C# Task**

Note: in your REPO folder “CSharp\_task”, create folder with name 23.11.2022 that contain C# file with the bellow:

Note: you must use method concept.

1. Write a function in C# that accept 10 numbers and return sum and average.

* Test Data :
* Input the 10 numbers :
* Number-1 :2
* Number-10 :2
* Expected Output :
* The sum of 10 no is : 55
* The Average is : 5.500000

1. Write a program in C to display the cube of the number up to given an integer.

* Test Data:
* Input number of terms : 5
* Expected Output :
* Number is : 1 and cube of the 1 is :1
* Number is : 2 and cube of the 2 is :8
* Number is : 3 and cube of the 3 is :27
* Number is : 4 and cube of the 4 is :64
* Number is : 5 and cube of the 5 is :125

1. Write a program in C# return only numbers in the years array **greater than** 1950.

const years = [1763, 1972, 1925, 1916, 1984, 1124, 1950, 2020]

function getYears(years)

{

}

1. Create a function that takes the age in years and returns the age in days.
2. a farmer is asking you to tell him how many legs can be counted among all his animals. The farmer breeds three species:
   1. chickens = 2 legs
   2. cows = 4 legs
   3. pigs = 4 legs

animals(2, 3, 5) ➞ 36

note, your function mustn’t accept off numbers

1. create function login, that accept two parameters and return pass or failed for success login.

* You must predefine some users in to be pass in array inside the function

1. Create function that calc the power of numbers.
2. Create function that accept year from range 1900-2024 and return the leap year.
3. Create function that accept number to check the prime numbers.
4. Create function that accept a sentence, and return the number of words without using the extended method(count)