**TASKK 1**

**Two Sum**

**Description:**

Given an array of integers nums and an integer target, return *indices of the two numbers such that they add up to target*.

You may assume that each input would have ***exactly* one solution**, and you may not use the *same* element twice.

You can return the answer in any order

**Solutions:**

We need to add the value one index to the value of second inde, then value of second index to the value of 3rd index and so on.

For this used for loop to iterate over length of list . store value of that loop in variable like:

A=0+list[I]

B=1+list[i]

I is the value of for loop

0 and 1 remain constant

List[I] finds the value present at given list index

Now add a and b and compare it value to the target value if it equal then used the index method to find the index of values at which target is find

**TASK 2**

**Remove Duplicates from Sorted Array**

**Description:**

Given an integer array nums sorted in **non-decreasing order**, remove the duplicates [**in-place**](https://en.wikipedia.org/wiki/In-place_algorithm) such that each unique element appears only **once**. The **relative order** of the elements should be kept the **same**. Then return *the number of unique elements in* nums.

Consider the number of unique elements of nums be k, to get accepted, you need to do the following things:

* Change the array nums such that the first k elements of nums contain the unique elements in the order they were present in nums initially. The remaining elements of nums are not important as well as the size of nums.
* Return k.

Numpy library have mulitple functions one of them is unique().it’s used to identifu all unique values from list