**Submission date 🡪 (2 – 11 – 2020)  
Your solution work as a function, having all as input what is given in the statement and do the desired task what s asked.**

**Question # 1**

You have an array A of size N, populated with unique and duplicate integer values, you have to find how many unique values are there in array (array is sorted), also you have to find the duplicate value that is there for minimum number of times. At max one-time access of array, O (N) complexity.

**Question # 2**

You have two arrays A and B of size N and M, both arrays are in sorted order. You have to find the count of every value in both arrays [one time count, value either it is in one array or the other or in both arrays], and show this value and its count for once. Your solution should be in O (N + M).

**Question # 3**

You have an array A of N positive integer values; array is sorted in the increasing order [duplicate values may be there]. Your task is to delete all the duplicate values and at the end only unique values should be there. [if a value is there in array for more than 1 time, delete all its occurrences]. You should place -1 in all the deleted values in array. Your solution should be of O(N) complexity. Think on the paper and then write the code.

Example:

Given 🡪2 2 2 2 3 6 6 6 7 8 8 8 9 21 25 85 85 96 110 110 115 210 210 210

At the end 🡪 3 7 9 21 25 96 115 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1-1 -1 -1 -1 -1 -1 -1