26. Remove Duplicates from Sorted Array

APPRACH 1=> INSERT IN SET (SET STORES ONLY UNIQUE ELEMENTS SO ALL DUPLICATES WILL BE REMOVED);

APPROACH 2=> MARK ALL THE DUPLICATES WIH A NEGATIVE VALUE OR A VALUE WHIC IS NOT GOVING TO BE USED;

NOW USE ASLI ZAGAH KYA HAI PHLE POSITIVE ELEMENT KA APPRACH AND SWAP;

ATFTER SWAP JIS VARIBLE SE HAM TRACK KAR RHE THE KI ISKI ASLI INDEX KYA HAI

USSE RETURN KRDENGE

WHY LEKIN-> KYUKI JTNE VALUES HAMNE SWAP KIYE HAI UTNE HI TO UNIQUE ELEMNTS HONGE;

```cpp
class Solution {
public:
    int removeDuplicates(vector<int>& nums) {
        for(int i=0;i<nums.size()-1;i++){
            if(nums[i]==nums[i+1] ){
                nums[i]=-999;
            }

        }
        int nz=0;
        for(int i=0;i<nums.size();i++){
            if(nums[i]!=-999){
                swap(nums[i],nums[nz]);
                nz++;
            }

        }
        return nz;

    }
};
```