## REMOVING OUPLICATES FROM SORTED

If a sorted array has duplicated elements, we will fill the first in places (n is number of unique elements) with the unique numbers only. Rest all places can be ignored and n is to be returned.

Brute solution is to create a set as it does not have provision for duplicate elements. Inserting into a set takes NlogN and then fitting those unique elements takes N.

O(N log N + N)

Optimal solution is to picking the first element, then finding the first element which is different from first element and putting it on 2nd pas This process is repeated until away ends.

Pseudocode :

rm Dupli (arr, N) {
i = 0;

```
for (int j = l \rightarrow N) {

if (amp [j] l = amp [i]) {

amp [i++] = amp [j];
}
```