Short and Simple Java solution (easy to understand)

Question wants us to return the length of new array after removing duplicates and that we don't care about what we leave beyond new length , hence we can use ito keep track of the position and update the array.

Remove Duplicates from Sorted Array(no duplicates) :

**public** **int** **removeDuplicates**(**int**[] nums) {

**int** i = 0;

**for**(**int** n : nums)

**if**(i < 1 || n > nums[i - 1])

nums[i++] = n;

**return** i;

}

Remove Duplicates from Sorted Array II (allow duplicates up to 2):

**public** **int** **removeDuplicates**(**int**[] nums) {

**int** i = 0;

**for** (**int** n : nums)

**if** (i < 2 || n > nums[i - 2])

nums[i++] = n;

**return** i;

}