Question: https://leetcode.com/problems/find-the-duplicate-number/

There is only ****one repeated number**** in nums,return this repeated number.

So in the array of n numbers, if there is only repeating number, then maintain an boolean array of n length where ith position denotes whether i+1 element has already occurred in nums array or not, so if we see that ar[nums[i] -1] is true then nums[I] is the repeating number.

Code:  
class Solution {

public int findDuplicate(int[] nums) {

boolean[] ar= new boolean[nums.length];

for(int el: nums){

if(ar[el-1]){

return el;

}else{

ar[el-1]=true;

}

}

return -1;

}

}

Github Link :<https://lnkd.in/ecwtJeaz>