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Array #2

Leetcode #1295

Find Numbers With Even Number of Digits

https://leetcode.com/problems/find-numbers-with-even-number-of-digits/description/



Given an array nums of integers, return how many of them contain an even number of digits

Example 1:

Input: nums = [12, 345, 2, 6, 7896]

Output: 2

Example 2:

Input: nums = [555, 901, 482, 1771]

Output: 1

Constraints:

1 <= nums.length <= 500 1 <= nums[i] <= 10^5

Companies:

Amazon, Quora, Adobe

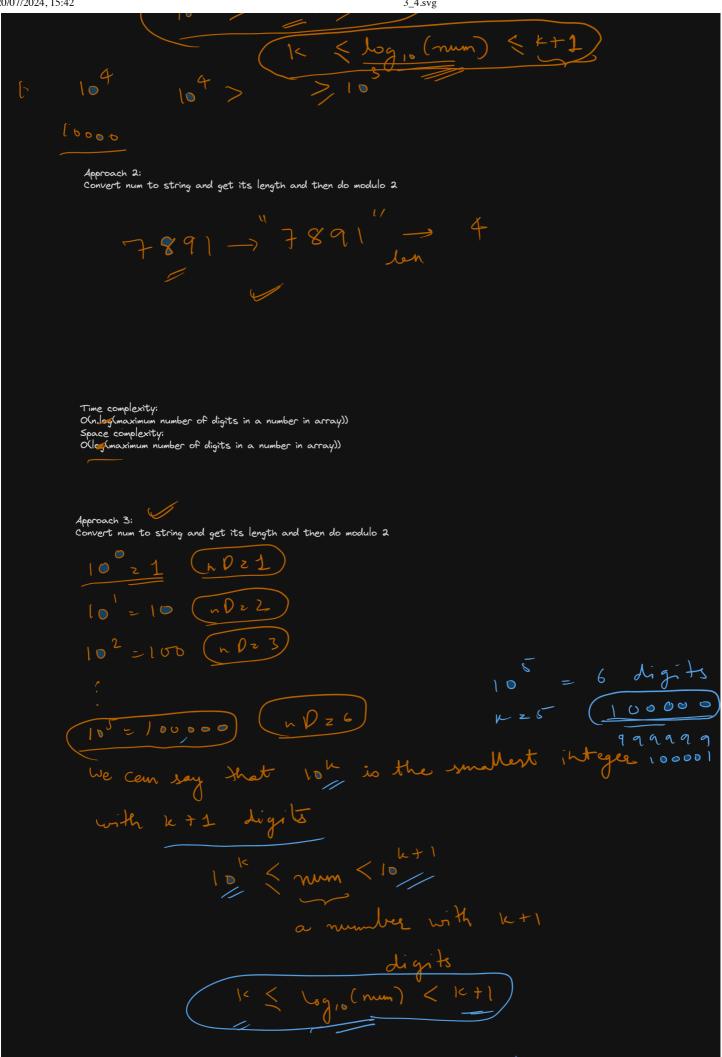
Approach 1:

Check number of digits by dividing it by 10

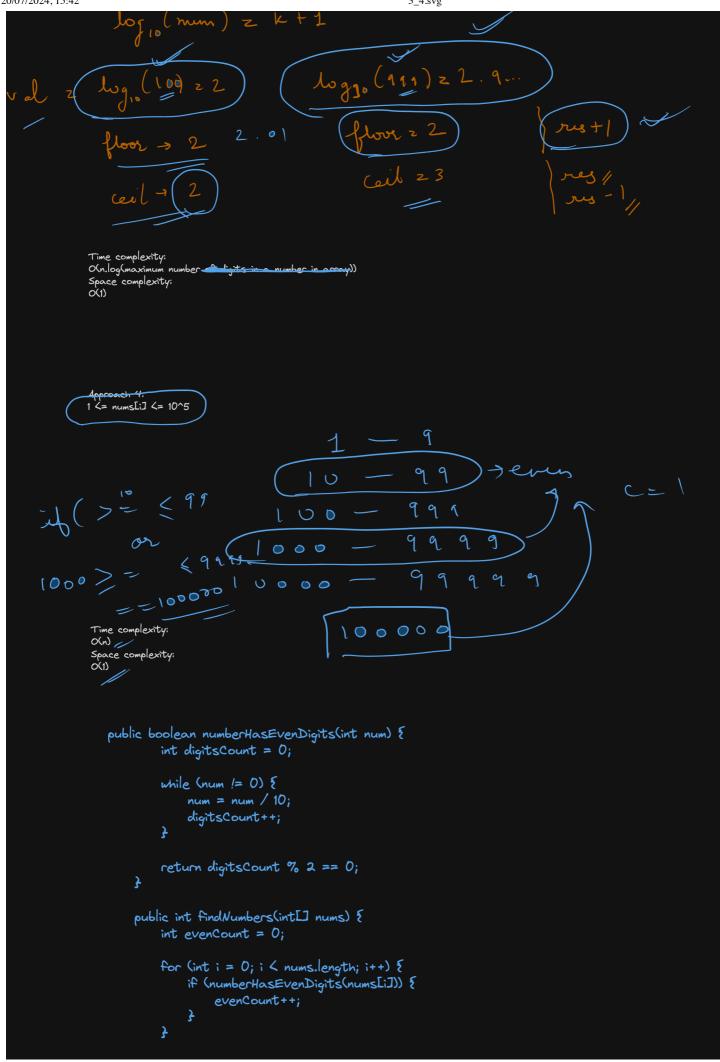
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Time complexity:

O(n.log(maximum number of internal and es in array))



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```
return evenCount;
  public int findNumbers(int[] nums) {
            int evenCount = 0;
            for (int num : nums) {
                 int len = String.valueOF(num).length();
                 if (len % 2 == 0) {
                      evenCount++;
            3
            return evenCount;
       }
class Solution {
    public int findNumbers(int[] nums) {
       int evenCount = 0;
       for (int num: nums) {
           int digitCount = (int) Math.floor(Math.log10(num)) + 1;
           if (digitCount % 2 == 0) {
               evenCount++;
       return evenCount;
}
class Solution {
   public int findNumbers(int[] nums) {
       int evenCount = 0;
       for (int num: nums) {
           int digitCount = (int) Math.floor(Math.log10(num)) + 1;
           if (digitCount % 2 == 0) {
               evenCount++;
       return evenCount;
```