

Back to Chapter

Introduction

In this chapter, we'll begin by looking at...

Array - A DVD box?

What Is an Array?

Accessing Elements in Arrays

Array Capacity VS Length

Max Consecutive Ones

Find Numbers with Even Number of Digits

Squares of a Sorted Array

Inserting Items Into an Array

Deleting Items From an Array

Searching for Items in an Array

In-Place Operations

Find Numbers with Even Number of Digits

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

Explanation:

12 contains 2 digits (even number of digits).

345 contains 3 digits (odd number of digits).

2 contains 1 digit (odd number of digits).

6 contains 1 digit (odd number of digits).

7896 contains 4 digits (even number of digits).

Therefore only 12 and 7896 contain an even number of digits.

Example 2:

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

Output: 1

Explanation:

Only 1771 contains an even number of digits.

Constraints:

1

<=

nums.length

<=

500

1

<=

nums[i]

<=

10^5

Show Hint #1

Show Hint #2

Python3

1

class Solution:

2

def findNumbers(self, nums: List[int]) -> int:

3

for i in nums:

4

even = 0

5

for i in nums:

6

a = str(i)

7

b=len(a)

8

9

if b%2 == 0:

10

even = even +1

11

12

return even

Custom Testcase

Contribute

Run Code

Submit

Submission Result: Accepted

More Details

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