**Problem #2553: Separate the Digits in an Array (Easy)**

<https://leetcode.com/problems/separate-the-digits-in-an-array/submissions/>

**Solution 1:**

1. Initialize res to an empty list.
2. Iterate through nums array. For each num in nums, get each digit from the string forn of num, convert the digit to an integer and then append it res.
3. Return res.

class Solution:

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

res = []

for num in nums:

for digit in str(num):

res.append(int(digit))

return res

**Solution 2:**

**Short form of Solution 1**

class Solution:

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

return [int(digit) for num in nums for digit in str(num)]