**Problem #442: Find all Duplicates in an Array (Medium**)

<https://leetcode.com/problems/find-all-duplicates-in-an-array/description/>

**My Solution:**

1. Initialize mydict to an empty dictionary.
2. Initialize res to an empty list.
3. Iterate through nums. For each num in nums, if num is not in mydict keys, then put num in the dictionary as key and set its value to 0. If num is already in mydict keys, then append num to res.
4. Return res.

class Solution:

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

mydict = {}

res = []

for num in nums:

if num not in mydict.keys():

mydict[num] = 1

else:

res.append(num)

return res