**Prroblem #2190: Most Frequent number following key in an array**

<https://leetcode.com/problems/most-frequent-number-following-key-in-an-array/description/>

**My Solution:**

1. Initialize mydict to an empty dictionary.
2. Iterate through nums with index I in range of length of nums – 1, i.e. we want to go up to last but one element in nums.

If nums at index I is equal to key, then nums at index (I + 1) if it is not in mydict keys add it as mydict key with value 1, and if it already present in mydict increment the value by 1.

1. Sort mydict keys based on the value of the keys and return the mydict key having the maximum mydict value.

class Solution:

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

mydict = {}

for i in range(len(nums) - 1):

if nums[i] == key:

if nums[i + 1] not in mydict.keys():

mydict[nums[i + 1]] = 1

else:

mydict[nums[i + 1]] += 1

#print("mydict = ", mydict)

return max(mydict, key = lambda x: mydict[x])