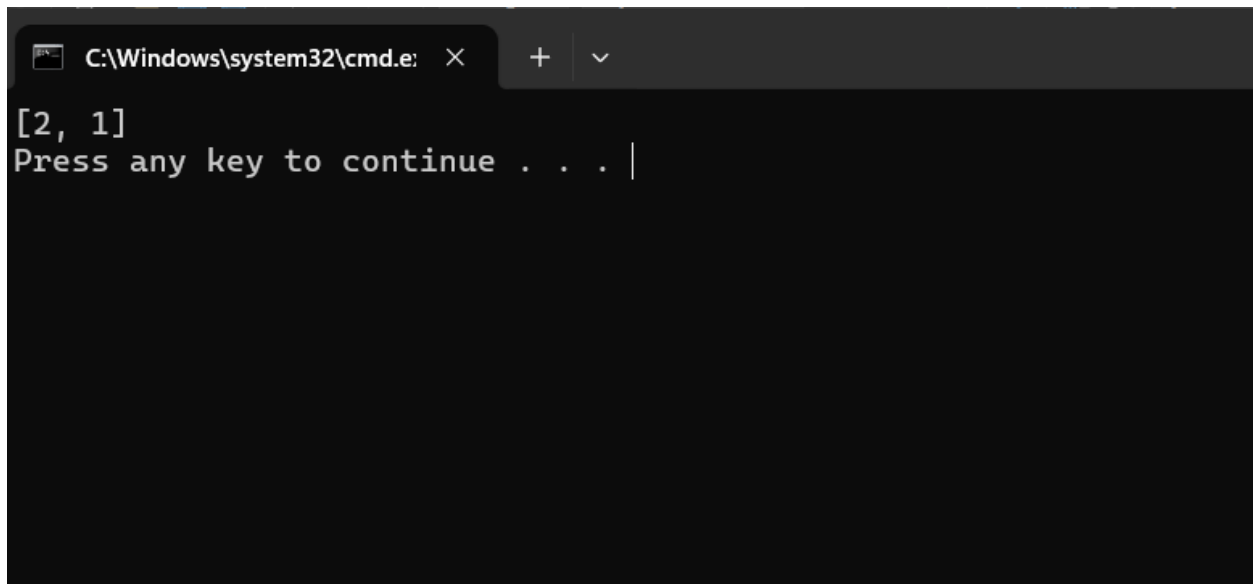


115) Matching indices

CODE:

```
def calculate_matching_indices(nums1, nums2):  
    set1 = set(nums1)  
    set2 = set(nums2)  
  
    answer1 = sum(1 for num in nums1 if num in set2)  
    answer2 = sum(1 for num in nums2 if num in set1)  
  
    return [answer1, answer2]  
  
# Example usage  
nums1 = [2, 3, 2]  
nums2 = [1, 2]  
print(calculate_matching_indices(nums1, nums2)) # Output: [2, 1]  
OUTPUT:
```

A screenshot of a Windows command prompt window. The title bar shows the path 'C:\Windows\system32\cmd.e' with a close button. The window has a dark background. The output of the Python code is displayed in white text: '[2, 1]' followed by 'Press any key to continue . . . |' with a cursor at the end of the line.

TIME COMPLEXITY : $O(m+n)$