116)Sum of squares of distinct counts of subarrays

CODE:

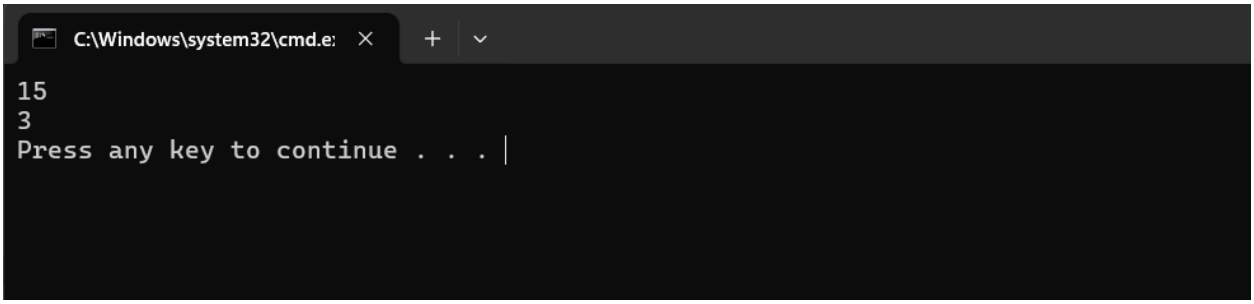
```
def sum_of_squares_distinct_counts(nums):
    result = 0
    for i in range(len(nums))

        distinct_counts = set()
        for j in range(i, len(nums)):
            distinct_counts.add(nums[j])
            result += len(distinct_counts) ** 2
    return result

# Example 1
nums1 = [1, 2, 1]
print(sum_of_squares_distinct_counts(nums1))  # Output: 15

# Example 2
nums2 = [1, 1]
print(sum_of_squares_distinct_counts(nums2))  # Output: 3
```

OUTPUT:



TIME COMPLEXITY : O(n3)