117) Count pairs with same value and divisible product

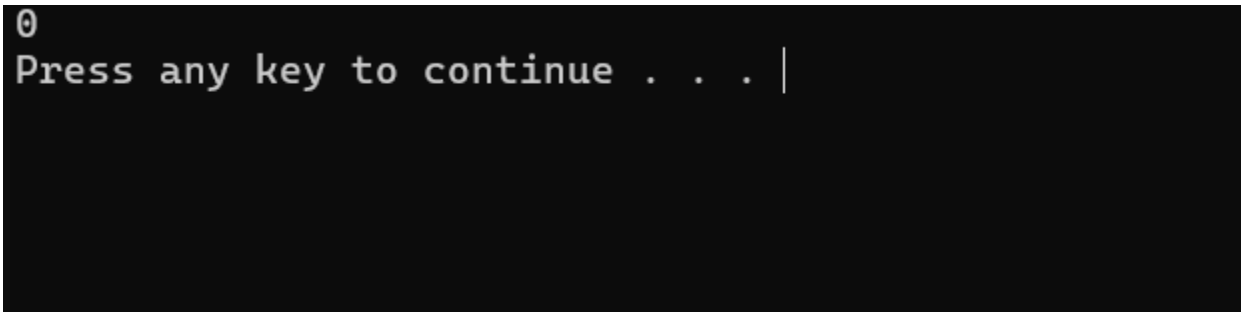
CODE:

```
def count_pairs(nums, k):
    count = 0
    freq = {}
    for i, num in enumerate(nums):
        for j in range(i):
            if nums[j] == num and (i * j) % k == 0:
                count += 1
        if num in freq:
            count += freq[num]
            freq[num] += 1
        else:
            freq[num] = 1
    return count

# Example 1
nums1 = [3, 1, 2, 2, 2, 1, 3]
k1 = 2
print(count_pairs(nums1, k1))  # Output: 4

# Example 2
nums2 = [1, 2, 3, 4]
k2 = 1
print(count_pairs(nums2, k2))  # Output: 0
```

OUTPUT:



TIME COMPLEXITY : O(n2)