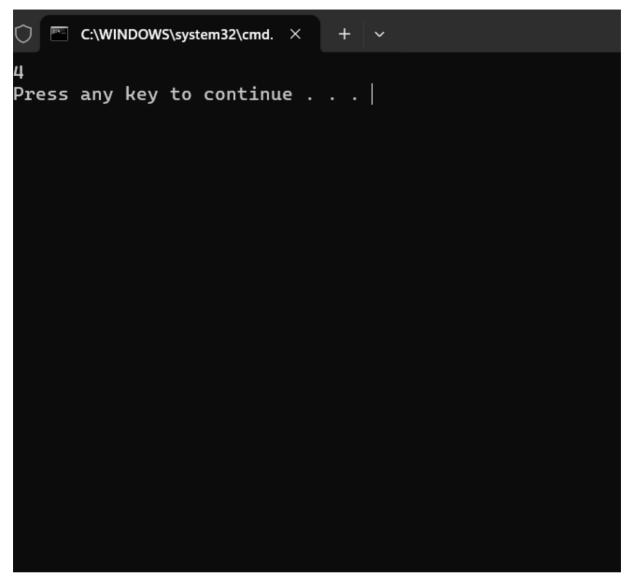
```
60) 1442. Count Triplets That Can Form Two Arrays of Equal XOR
Given an array of integers arr.
We want to select three indices i, j and k where (0 \le i \le j \le k \le arr.length).
Let's define a and b as follows:
        a = arr[i] ^ arr[i + 1] ^ ... ^ arr[j - 1]
       b = arr[j] ^ arr[j + 1] ^ ... ^ arr[k]
Note that ^ denotes the bitwise-xor operation.
Return the number of triplets (i, j and k) Where a == b.
Example 1:
Input: arr = [2,3,1,6,7]
Output: 4
Explanation: The triplets are (0,1,2), (0,2,2), (2,3,4) and (2,4,4)
CODE:
def countTriplets(arr):
    n = len(arr)
    prefix\_xor = [0] * (n + 1)
    count = 0
    for i in range(n):
         prefix_xor[i + 1] = prefix_xor[i] ^ arr[i]
    for i in range(n):
         for j in range(i + 1, n + 1):
              if prefix_xor[i] == prefix_xor[j]:
                   count += j - i - 1
    return count
arr = [2, 3, 1, 6, 7]
print(countTriplets(arr))
OUTPUT:
```



TIME COMPLEXITY : O(n2)