EXPERIMENT-2

HOW MANY ELEMENTS FROM ONE ARRAY EXISTS TO ANOTHER ARRAY

PROGRAM:

Programiz Python Online Compiler

main.py

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```
def find_answers(nums1, nums2):
    answer1 = 0
    answer2 = 0
    for num in nums1:
        if num in nums2:
            answer1 += 1
    for num in nums2:
        if num in nums1:
            answer2 += 1
    return [answer1, answer2]
nums1 = list(map(int, input("Enter elements of nums1 separated by spaces: ").split())
nums2 = list(map(int, input("Enter elements of nums2 separated by spaces: ").split())
result = find_answers(nums1, nums2)
print("Output:", result)
```

OUTPUT:

Programiz PRO >

Output Clear

```
Enter elements of nums1 separated by spaces: 1 5 2 1 5 3
Enter elements of nums2 separated by spaces: 1 6 2 3 7 2
Output: [4, 4]

=== Code Execution Successful ===
```