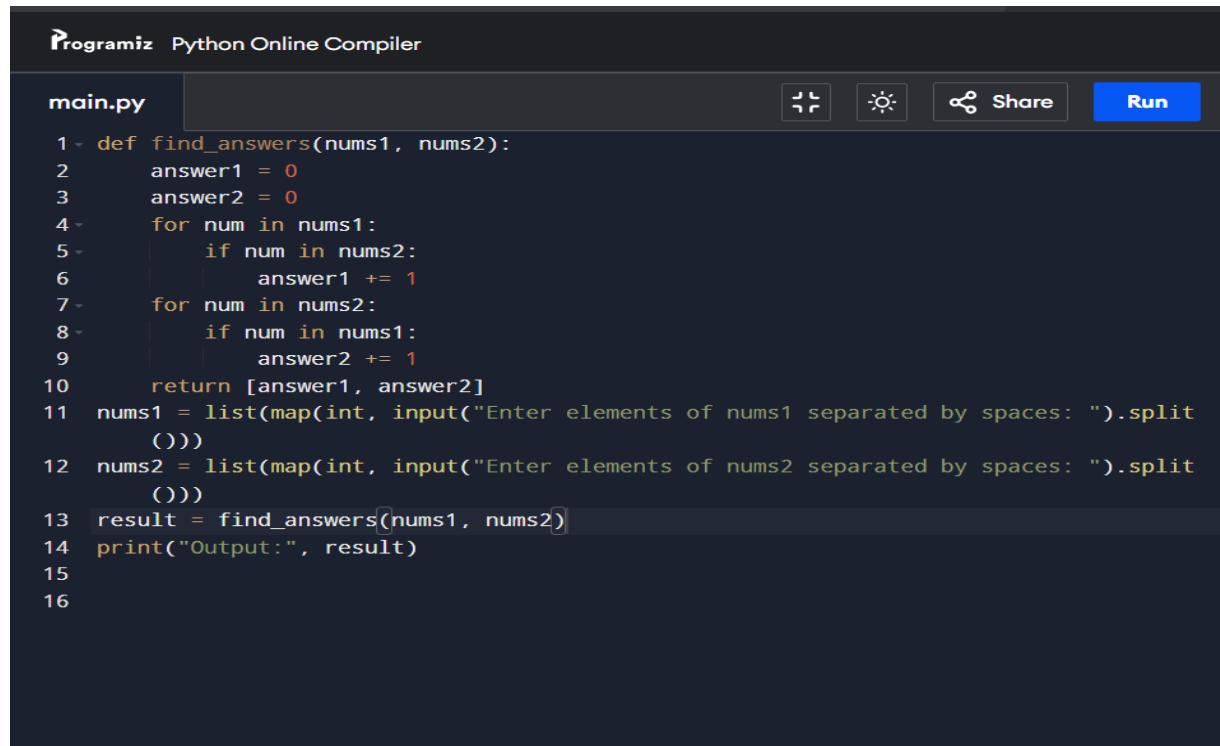


EXPERIMENT-2

HOW MANY ELEMENTS FROM ONE ARRAY EXISTS TO ANOTHER ARRAY

PROGRAM:



The screenshot shows the Programiz Python Online Compiler interface. The code editor contains the following Python script named main.py:

```
main.py
1 def find_answers(nums1, nums2):
2     answer1 = 0
3     answer2 = 0
4     for num in nums1:
5         if num in nums2:
6             answer1 += 1
7     for num in nums2:
8         if num in nums1:
9             answer2 += 1
10    return [answer1, answer2]
11 nums1 = list(map(int, input("Enter elements of nums1 separated by spaces: ").split()))
12 nums2 = list(map(int, input("Enter elements of nums2 separated by spaces: ").split()))
13 result = find_answers(nums1, nums2)
14 print("Output:", result)
15
16
```

OUTPUT:



The screenshot shows the output window of the Programiz Python Online Compiler. It displays the following interaction:

```
Output
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 ==
```