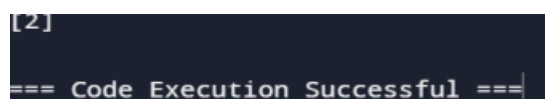DATE:06/06/2024

16. Given two integer arrays nums1 and nums2, return an array of their Intersection. Each element in the result must be unique and you may return the result in any order.

AIM: Find Given two integer arrays nums1 and nums2, return an array of their Intersection. Each element in the result must be unique and you may return the result in any order.

CODE:

```python
def intersection(nums1, nums2):
    set1 = set(nums1)
    set2 = set(nums2)
    intersection_set = set1 & set2
    intersection_list = list(intersection_set)
    return intersection_list

nums1 = [1, 2, 2, 1]
nums2 = [2, 2]
print(intersection(nums1, nums2))
```

OUTPUT:



Timecomplexity:

O(n+m)