EXPERIMENT-3

SUM OF THE SQUARES OF DISTINCT COUNTS OF ALL SUBARRAYS OF NUMS

PROGRAM:

```python
nums = [1, 2, 1]
total = 0
for i in range(len(nums)):
    for j in range(i, len(nums)):
        sub = nums[i:j+1]
        distinct = len(set(sub))
        total += distinct ** 2
print(total)
```

OUTPUT:

```
Output
15

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