

EXPERIMENT-4

NUMBER OF PAIRS

PROGRAM:

```
Programiz Python Online Compiler

main.py
1  nums = [3, 1, 2, 2, 2, 1, 3]
2  k = 2
3  count = 0
4  for i in range(len(nums)):
5      for j in range(i + 1, len(nums)):
6          if nums[i] == nums[j] and (i * j) % k == 0:
7              count += 1
8  print(count)
9
10
11
```

OUTPUT:

```
Programiz PRO >

Output
4

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