- 1. Count Frequencies: Use collections. Counter to count occurrences of each number.
- 2. Find Max Frequency: Get the highest value among the counts.
- 3. Identify Elements: Find how many elements have this max frequency.
- 4. Compute Total: Multiply the count of such elements by the max frequency. ```python

def main(nums):

Count Frequencies counts = collections.Counter(nums)

Find the maximum frequency
max_frequency = max(counts.values())

Identify Elements
num_elements = sum(1 for freq in
counts.values() if freq == max_frequency)

Total = number of such elements *
max frequency
return num elements * max frequency

(a) Raw Response

```
`python
def main(nums):
  # Count Frequencies
  counts = collections.Counter(nums)
  # Find the maximum frequency
  max frequency = max(counts.values())
  # Identify Elements
  num elements = sum(1 for freq in
counts.values() if freq == max frequency)
  # Total = number of such elements * max
frequency
  return num elements * max frequency
```

(b) Full Code

```
counts = collections.Counter(nums)
max_frequency = max(counts.values())
num_elements = sum(1 for freq in
counts.values() if freq == max_frequency)
return num_elements * max_frequency
...
```

(c) No Comments