

# Majority Number II

```
1 class Solution(object):
2     def majority(self, array):
3         """
4         input: int[] array
5         return: Integer[]
6         """
7         # write your solution here
8         if not array:
9             return []
10        threshold = len(array) / 3
11        hash = {}
12        result = set()
13
14        for num in array:
15            c = 1
16            if num in hash:
17                c += hash[num]
18            if c > threshold:
19                result.add(num)
20            hash[num] = c
21
22        return list(result)
```