Top K frequent element - bucket sort

```python
class Solution:
    def top_K_freq_elem(self, nums: list[int], K: int) -> list[int]:

        count = {}
        freq = [[] for i in range(len(nums)+1)]

        for num in nums:
            count[num] = 1 + count.get(num, 0)
        for num, cnt in count.items():
            freq[cnt].append(num)

        result = []
        for i in range(len(freq)-1, 0, -1):
            for num in freq[i]:
                result.append(num)
                if len(result) == K:
                    return result


print(Solution().top_K_freq_elem(nums=[1,1,1,2,3,3], K=2))
```