

빈도수가 높은 요소를 k번째 까지 추출하라.

Input: nums = [1,1,1,2,2,3], k = 2

Output: [1,2]

1.Counter

class Solution:

```
def topKFrequent(self, nums: List[int], k: int) -> List[int]:
    result = [i[0] for i in collections.Counter(nums).most_common(k)]
    return result
```

2.heapq

class Solution:

```
def topKFrequent(self, nums: List[int], k: int) -> List[int]:
    freqs = collections.Counter(nums)
    freqs_heap = []
    for f in freqs:
        heapq.heappush(freqs_heap, (-freqs[f], f))
    topk = []
    for _ in range(k):
        topk.append(heapq.heappop(freqs_heap)[1])
    return topk
```

3.파이썬 다운

class Solution:

```
def topKFrequent(self, nums: List[int], k: int) -> List[int]:
    return list(zip(*collections.Counter(nums).most_common(k)))[0]
```