

## Top k elements - using heap

class Solution:

```
def top_k_freq_elem(self, nums: List[int], k: int) -> List[int]:
```

```
    count = {}
```

```
    for num in nums:
```

```
        count[num] = 1 + count.get(num, 0)
```

```
    heap = []
```

```
    for num in count.keys():
```

```
        heapq.heappush(heap, (count[num], num))
```

```
        if len(heap) > k:
```

```
            heapq.heappop(heap)
```

```
    result = []
```

```
    for i in range(k):
```

```
        result.append(heapq.heappop(heap)[1])
```

```
    return result
```