

```

class Solution {
    public List<String> topKFrequent(String[] words, int k)
    {
        Map<String, Integer> mp = new HashMap<>();

        for (String w : words) {
            int v = mp.getOrDefault(w, 0);
            mp.put(w, v+1);
        }

        PriorityQueue<Map.Entry<String, Integer>> q =
            new PriorityQueue<>((a, b) -> (a.getValue() !=
b.getValue()) ? a.getValue() - b.getValue() :
b.getKey().compareTo(a.getKey())));

        for (Map.Entry<String, Integer> en : mp.entrySet())
        {
            q.offer(en);
            if (q.size() > k) {
                q.poll();
            }
        }
        List<String> res = new ArrayList<>();
        while (!q.isEmpty()) {
            res.add(q.poll().getKey());
        }
        Collections.reverse(res);
        return res;
    }
}

```