

Top K Frequent Words

Try to solve the Top K Frequent Words problem.

We'll cover the following ^

- Statement
- Examples
- Understand the problem
- Try it yourself

Statement

Given a string array, `words`, and an integer `k`, return the k most frequent strings.

Sort the frequencies from highest to lowest and then return the top k frequent words. Words with the same frequency should be sorted by their lexicographical order.

Constraints:

- $1 \leq \text{words.length} \leq 500$
- $1 \leq \text{words}[i].\text{length} \leq 10$
- `words[i]` consists of lowercase English letters.
- k is in the range `[1, The number of unique words[i]]`

Examples

Sample example 1

Input

`words` `["she", "sells", "seashells", "by", "the", "seashore"]`

`k = 3`

Output

`result` `["by", "seashells", "seashore"]`

1 of 2

Sample example 2

Input

`words` `["we", "few", "we", "happy", "few", "we", "band", "of", "brothers"]`

`k = 5`

Output

`result` `["we", "few", "band", "brothers", "happy"]`





Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

Top K Frequent Words

1

What is the output if the following values are given as input?

words = ["the", "day", "is", "sunny", "the", "the", "the", "sunny", "is", "is"]

k = 4

A) ["the", "is", "sunny"]

B) ["the", "is", "sunny", "day"]

C) ["the", "the", "the", "the", "is", "is", "is", "sunny", "sunny", "day"]

D) ["the", "day", "sunny", "is"]

Submit Answer

<

Question 1 of 2
0 attempted

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Reset Quiz ↻

Try it yourself

Implement your solution in the following coding playground:

Java

usercode > FrequentWords.java

```
1 import java.util.*;
2
3 public class FrequentWords{
4
5
6
7     return new ArrayList<String>();
8 }
9 }
```

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Submit

Test Cases

Results

Case 1

Case 2

Case 3


Input #1

["lets","play","cricket","and","then","lets","play","badminton"]

Input #2

3

Top K Frequent Words

 Need a Hint?

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Number of Provinces

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Linked List Cycle II

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