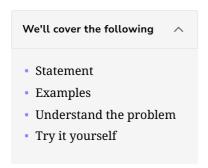
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# **Top K Frequent Words**

Try to solve the Top K Frequent Words problem.



### **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:**

- $1 \leq \text{words.length} \leq 500$
- $1 \leq \mathsf{words[i].length} \leq 10$
- 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"]

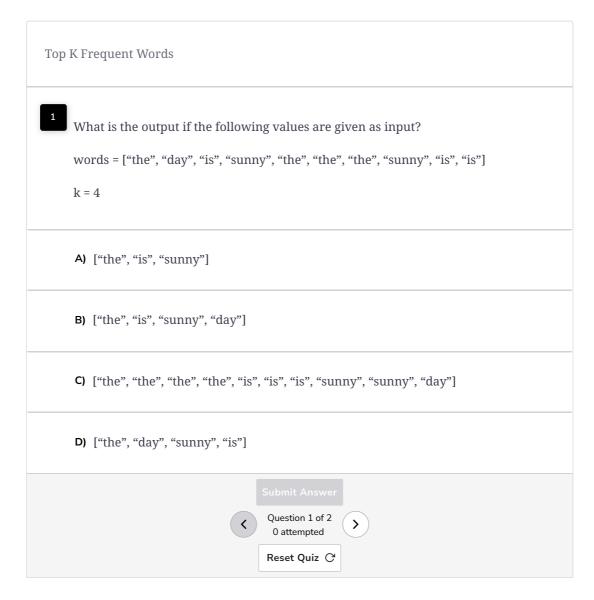
k = 5

Output
```



## 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:



# Try it yourself

Implement your solution in the following coding playground:

```
Java

usercode > FrequentWords.java

import java.util.*;

a public class FrequentWords{

return new ArrayList<String>();

}

return new ArrayList<String>();

}

}
```

