Problem | Submissions | Editorials

Lachezar

```java
1  import java.util.*;
2
3  class Solution {
4      public int solve(String[] words) {
5
6      }
7  }
```

Word Concatenation
Question 581 of 1031

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Medium ○ 👍 ★ ⌁ 🚩

Given a list of unique strings `words`, return the number of words that are concatenations of other words in the list. You can reuse words when concatenating and concatenate any number of times.

Constraints

- `n ≤ 100,000` where `n` is the length of `words`
- `m ≤ 100` where `m` is the max length of a string in `words`

Example 1 ◉

Input

```
words = ["news", "paper", "newspaper",
"binary", "search", "binarysearch"]
```

Output

```
2
```

Explanation

```
"newspaper" is concatenation of "news" and "paper".
"binarysearch" is concatenation of "binary" and
"search".
```

Example 2 ◉

Input

```
words = ["cc", "c"]
```

Output

```
1
```

Explanation

```
"cc" is a concatenation of "c" and "c".
```

Solved 164   Attempted 295   Rate 55.60%

Topics —

String   Trie

Edited by **byte_2**, **K_Ayush**