

Challenge 7: Word Formation Using a Hash Table

We solved this problem using tries. Now, let's try it out with hash tables.

We'll cover the following ^

- Problem Statement
 - Input
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Problem Statement

You have to implement the <code>is_formation_possible()</code> function which will find whether a given word can be formed by combining two words from a dictionary. We assume that all words are in lower case.

Input

A list and a query word containing lowercase characters.

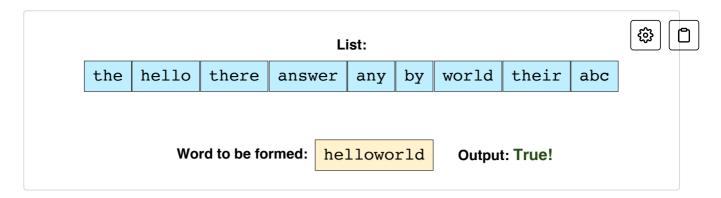
Output

Returns True if the given word can be generated by combining two words from the list.

Sample Input

Sample Output

True



Coding Exercise

Design a step-by-step algorithm first before jumping on to the implementation. Try to think whether a recursive or an iterative approach would be better.

If you get stuck, you can always refer to the solution review.

Good luck!

