

1455. Check If a Word Occurs As a Prefix of Any Word in a Sentence

Description

Given a `sentence` that consists of some words separated by a **single space**, and a `searchWord`, check if `searchWord` is a prefix of any word in `sentence`.

Return *the index of the word in `sentence` (1-indexed) where `searchWord` is a prefix of this word*. If `searchWord` is a prefix of more than one word, return the index of the first word (minimum index). If there is no such word return `-1`.

A **prefix** of a string `s` is any leading contiguous substring of `s`.

Example 1:

Input: `sentence = "i love eating burger"`, `searchWord = "burg"`
Output: 4
Explanation: "burg" is prefix of "burger" which is the 4th word in the sentence.

Example 2:

Input: `sentence = "this problem is an easy problem"`, `searchWord = "pro"`
Output: 2
Explanation: "pro" is prefix of "problem" which is the 2nd and the 6th word in the sentence, but we return 2 as it's the minimal index.

Example 3:

Input: `sentence = "i am tired"`, `searchWord = "you"`
Output: -1
Explanation: "you" is not a prefix of any word in the sentence.

Constraints:

- `1 <= sentence.length <= 100`
- `1 <= searchWord.length <= 10`
- `sentence` consists of lowercase English letters and spaces.
- `searchWord` consists of lowercase English letters.

