Problem 5.2   **All Yar Whole World Are Belong To YaWho?**   (page 1 of 1)

Overview: Determine whether a given string is a substring of another.

Description: YaWho?, in desperation to out-compete its rival search engine Moogle,
                         has decided to implement a new system to guess search terms from
                         poorly spelled user input. After several studies of search terms, YaWho?
                         has determined that the most common user typo is adding additional
                         characters to the search phrase. They already have a program to guess
                         possible words based on incorrectly spelled input, but they need you to
                         write a program to verify whether or not a given word is a possible
                         search term.

                         A word is a possible search term only if all of its letters appear in order
                         within the search phrase, but the characters do not need to be adjacent
                         to each other. For example, `abc` and `abd` are possible search terms for
                         the search phrase `abcd`, but `cde` and `bca` are not.

Time Allocation: 1 second

Input: The first line contains the string *s*, which represents the search phrase.
                         The second line contains the string *t*, which represents the search term
                         under consideration.

Output: The output should consist of a single lowercase word, either `yes` or `no`,
                         indicating whether *t* is a substring of *s*.

                         The output is to be formatted exactly like the sample output given below.

Assumptions: *s* and *t* will contain between 1 and 1000 characters, inclusive.
                         s will contain only lowercase letters and spaces.
                         t will contain only lowercase letters (no spaces).
                         s and *t* will each begin and end with a letter.
                         All input will be valid.

Sample Input #1:   ```
                         stanford proco
                         foo
                         ```

Sample Output #1:        `yes`

Sample Input #2:         ```
                         stanford proco
                         bar
                         ```

Sample Output #2:   `no`