

Minimum Length Substrings

You are given two strings **s** and **t**. You can select any substring of string **s** and rearrange the characters of the selected substring. Determine the minimum length of the substring of **s** such that string **t** is a substring of the selected substring.

Signature

```
int minLengthSubstring(String s, String t)
```

Input

s and **t** are non-empty strings that contain less than 1,000,000 characters each

Output

Return the minimum length of the substring of **s**. If it is not possible, return -1

Example

s = "dcbefebce"

t = "fd"

output = 5

Explanation:

Substring "dcbef" can be rearranged to "cfdeb", "cefdb", and so on. String **t** is a substring of "cfdeb". Thus, the minimum length required is 5.