

LeetCode(/) Explore(/explore/) Problems(/problemset/all/) Interview Contest Discuss(/discuss/) Explore(/explore/) Problems(/problemset/all/) Interview Contest Discuss(/discuss/) Explore(/explore/) Problems(/problemset/all/) Interview Contest Discuss(/discuss/)

Minimum Window Subsequence (/problems/minimum-window-subsequence/)

Submission Detail

66 / 67 test cases passed.

Status: Wrong Answer Submitted: 0 minutes ago

Input: "aa"
"aa"

Output: ""

Expected: "aa"

Submitted Code: 0 minutes ago

Language: python

Edit Code

```
1
   class Solution(object):
 2
        def minWindow(self, s1, s2):
 3
 4
            :type s1: str
 5
            :type s2: str
 6
            :rtype: str
 7
 8
            start = -1
 9
           min_len = len(s1) + 1
10
11
            i, j = 0, 0
12
            while(i < len(s1)):</pre>
13
                # aligning beginning
                if(s1[i] == s2[j]): # start is found
14
15
                    j += 1
16
                    if(j == len(s2)): # end is found
17
                        end = i + 1 \# mark the end
                        j -= 1 \# start turning back
18
                        while(j \ge 0):
19
20
                            if(s1[i] == s2[j]):
21
                                j -= 1 # once matched an element, turn further back
22
                            i -= 1
                        \mbox{\#} now, i is pointing to one-char front of s1 and j is negative
23
24
                        i += 1 \# to point to the start of s1
25
                        j += 1 \# to point to the start of s2
                                                          sz

沒有成功進來,因為 end-i= 2-0

min_len
26
                        if(end - i < min_len):</pre>
27
                            min_len = end - i
28
                            start = i
29
                # iterate through s1
30
                i += 1
31
            returned_str = ""
32
            if(start != -1):
33
34
                returned_str = s1[start: start+min_len]
35
36
            return returned_str
```

Back to problem (/problems/minimum-window-subsequence/)

Copyright © 2022 LeetCode

Help Center (/support) | Jobs (/jobs) | Bug Bounty (/bugbounty) | Online Interview (/interview/) | Students (/student) | Terms (/terms) | Privacy Policy (/privacy)



i Python

Autocomplete

727. Minimum Window Subsequence

Given strings s1 and s2, return the minimum contiguous substring part of s1, so that s2 is a subsequence of the part.

If there is no such window in s1 that covers all characters in $\,\,\mbox{s2}$, return the empty string $\,\,\mbox{"}\,\,\mbox{"}\,\,\mbox{"}$. If there are multiple such minimum-length windows, return the one with the left-most starting index.

Example 1:

Input: s1 = "abcdebdde", s2 = "bde" Output: "bcde" Explanation:

"bcde" is the answer because it occurs before "bdde" which has the same length. "deb" is not a smaller window because the elements of s2 in the window must occur in order.

Example 2:

Input: s1 = "jmeqksfrsdcmsiwvaovztaqenprpvnbstl", s2 = "u" Output: ""

Constraints:

Accepted 72.481

- 1 <= s1.length <= 2 * 10^4 • 1 <= s2.length <= 100
- s1 and s2 consist of lowercase English letters.

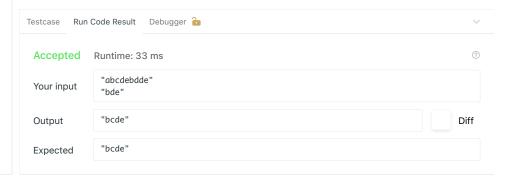
Submissions 169.053

Seen this question in a real interview before? No Yes



```
class Solution(object):
 2 🔻
           def minWindow(self, s1, s2):
                :type s1: str
 5
               :type s2: str
 6
                :rtype: str
               start = -1
 9
               min_len = len(s1)+1
10
                   j = 0, 0
11
               while(i < len(s1)):</pre>
12 🔻
13
                    # aligning beginning
14 🔻
                    if(s1[i] == s2[j]): # start is found
                          += 1
15
                        if(j == len(s2)): # end is found
16 •
                            end = i + 1 # mark the end

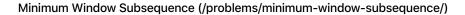
j -= 1 # start turning back
17
18
                            while(j >= 0):
    if(s1[i] == s2[j]):
19 ▼
                                 j -= 1 # once matched an element, turn further back i -= 1
20 ▼
21
22
23
                             # now, i is pointing to one-char front of s1 and j is negative
24
                             i += 1 \# to point to the start of s1
25
                             j += 1 \# to point to the start of s2
26 •
                             if(end - i < min_len):</pre>
                                 min_len = end - i
27
28
                                 start = i
29
                    # iterate through s1
30
                    i += 1
31
32
                returned_str = ""
33 ▼
               if(start != -1):
34
                    returned_str = s1[start: start+min_len]
```



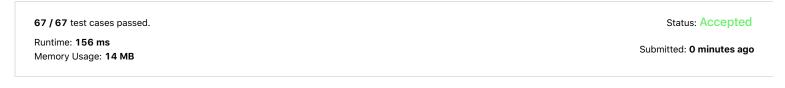
■ Run Code ^

Console -

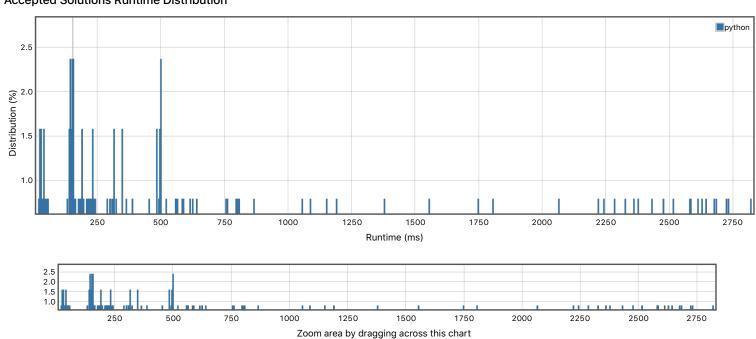
Use Example Testcases



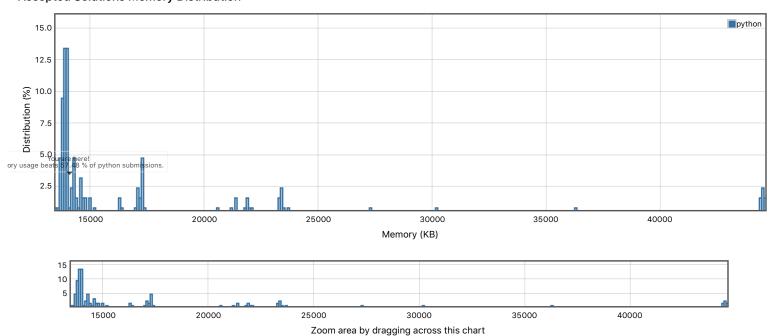
Submission Detail



Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge Minimum Window Subsequence

Submitted Code: 0 minutes ago

Language: python Edit Code

```
1 class Solution(object):
        def minWindow(self, s1, s2):
 3
 4
            :type s1: str
 5
            :type s2: str
 6
            :rtype: str
 7
 8
            start = -1
 9
            min_len = len(s1)+1
10
11
            i, j = 0, 0
12
            while(i < len(s1)):</pre>
13
                 # aligning beginning
14
                if(s1[i] == s2[j]): # start is found
15
                     j += 1
                     if(j == len(s2)): # end is found
16
17
                         end = i + 1 \# mark the end
                         j -= 1 # start turning back
18
19
                         while(j >= 0):
20
                             if(s1[i] == s2[j]):
21
                                j -= 1 # once matched an element, turn further back
22
23
                         \mbox{\#} now, i is pointing to one-char front of s1 and j is negative
24
                         i += 1 # to point to the start of s1
25
                         j += 1 \# to point to the start of s2
                         if(end - i < min_len):</pre>
26
27
                             min_len = end - i
28
                             start = i
29
                # iterate through s1
30
                i += 1
31
            returned_str = ""
32
33
            if(start != -1):
34
                 returned_str = s1[start: start+min_len]
35
36
            return returned_str
```

Back to problem (/problems/minimum-window-subsequence/)

Copyright @ 2022 LeetCode

Help Center (/support) | Jobs (/jobs) | Bug Bounty (/bugbounty) | Online Interview (/interview/) | Students (/student) | Terms (/terms) | Privacy Policy (/privacy)

