


```
1  class Solution {
2  public:
3      string minWindow(string s, string t) {
4          // len 记录长度更新
5          // 滑动窗口
6          // 进窗口
7          // 判断count
8          // hash
9          unordered_map<char, int> hash1;
10         unordered_map<char, int> hash2;
11         for (auto& e : t) {
12             hash1[e]++;
13         }
14
15         int left = 0;
16         int len = INT_MAX;
17         int count = 0;
18         string ret;
19         for (int right = 0; right < s.size(); right++) {
20             char tmp = s[right];
21
22             hash2[tmp]++;
23             if (hash2[tmp] <= hash1[tmp])
24                 count++;
25
26             while (count == t.size()) {
27                 if (len > right - left + 1) {
28                     len = right - left + 1;
29                     ret = s.substr(left, len);
30                 }
31                 char left_char = s[left];
32                 if (hash2[left_char] <= hash1[left_char]) {
33                     count--;
34                 }
35                 hash2[left_char]--;
36                 left++;
37             }
38         }
39         return ret;
40     }
```

```
40     }
```

```
41 };
```