# 76. Minimum Window Substring

## SOLUTION IN JAVA

class Solution {

public String minWindow(String s, String t) {

int[] count = new int[128];

int required = t.length();

int bestLeft = -1;

int minLength = s.length() + 1;

for (final char c : t.toCharArray())

++count[c];

for (int l = 0, r = 0; r < s.length(); ++r) {

if (--count[s.charAt(r)] >= 0)

--required;

while (required == 0) {

if (r - l + 1 < minLength) {

bestLeft = l;

minLength = r - l + 1;

}

if (++count[s.charAt(l++)] > 0)

++required;

}

}

return bestLeft == -1 ? "" : s.substring(bestLeft, bestLeft + minLength);

}

}