

Is Anagram

s_1	s_2	...	s_n
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t_1	t_2	...	t_m
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Define Dictionaries:

$A[\text{char}] = \# \text{ of instances of char in } S$

$B[\text{char}] = \# \text{ of instances of char in } T$

Then

s_1	s_2	...	s_n
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For each s_i

$A[s_i] += 1$

t_1	t_2	...	t_m
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For each t_i

$B[t_i] += 1$

Then

A:

$(s_1, s_1 \text{ count})$	$(s_2, s_2 \text{ count})$...	$(s_n, s_n \text{ count})$
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For each $(s_i, s_i \text{ count})$

If $B[s_i] \neq s_i \text{ count}$

Else if all condition checks fail → Return True

→ Return False