Minimum Cost to Convert String I

You are given two **0-indexed** strings source and target, both of length n and consisting of **lowercase** English letters. You are also given two **0-indexed** character arrays original and changed, and an integer array cost, where cost[i] represents the cost of changing the character original[i] to the character changed[i].

You start with the string source. In one operation, you can pick a character x from the string and change it to the character y at a cost of z **if** there exists **any** index j such that cost[j] == z, original[j] == x, and changed[j] == y.

Return *the **minimum** cost to convert the string* source *to the string* target *using **any** number of operations. If it is impossible to convert* source *to* target, *return* -1.

Note that there may exist indices i, j such that original[j] == original[i] and changed[j] == changed[i].

Example 1:

Input: source = "abcd", target = "acbe", original = ["a","b","c","c","e","d"], changed = ["b","c","b","e","b","e"], cost = [2,5,5,1,2,20]

Output: 28

Explanation: To convert the string "abcd" to string "acbe":

- Change value at index 1 from 'b' to 'c' at a cost of 5.

- Change value at index 2 from 'c' to 'e' at a cost of 1.

- Change value at index 2 from 'e' to 'b' at a cost of 2.

- Change value at index 3 from 'd' to 'e' at a cost of 20.

The total cost incurred is 5 + 1 + 2 + 20 = 28.

It can be shown that this is the minimum possible cost.

Example 2:

Input: source = "aaaa", target = "bbbb", original = ["a","c"], changed = ["c","b"], cost = [1,2]

Output: 12

Explanation: To change the character 'a' to 'b' change the character 'a' to 'c' at a cost of 1, followed by changing the character 'c' to 'b' at a cost of 2, for a total cost of 1 + 2 = 3. To change all occurrences of 'a' to 'b', a total cost of 3 * 4 = 12 is incurred.

Example 3:

Input: source = "abcd", target = "abce", original = ["a"], changed = ["e"], cost = [10000]

Output: -1

Explanation: It is impossible to convert source to target because the value at index 3 cannot be changed from 'd' to 'e'.

Constraints:

- 1 <= source.length == target.length <= 10^5
- source, target consist of lowercase English letters.
- 1 <= cost.length == original.length == changed.length <= 2000
- original[i], changed[i] are lowercase English letters.
- 1 <= cost[i] <= 10^6
- original[i] != changed[i]