Problem Link:

<https://leetcode.com/problems/number-of-substrings-containing-all-three-characters/?envType=daily-question&envId=2025-03-11>

Solution:

class Solution {

public:

int numberOfSubstrings(string s) {

unordered\_map<char, int> m;

int l = 0;

int res = 0;

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

{

m[s[r]]++;

while(m['a'] > 0 && m['b'] > 0 && m['c'] > 0)

{

res += (s.length() - r);

m[s[l]]--;

l++;

}

}

return res;

}

};