Problem Link:

<https://leetcode.com/problems/partition-labels/?envType=daily-question&envId=2025-03-30>

Solution:

class Solution {

public:

vector<int> partitionLabels(string s) {

vector<int> last(26, -1);

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

{

last[s[i] - 'a'] = i;

}

vector<int> res;

int c = 0;

int e = 0;

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

{

e = max(e, last[s[i] - 'a']);

if(i == e)

{

res.push\_back(i - c + 1);

c = i + 1;

}

}

return res;

}

};