Day43

Code-

class Solution {

public:

int longestSubstring(string s, int k) {

int n = s.size();

unordered\_map<char,int> m;

for(int i=0;i<n;i++) {

m[s[i]]++;

}

int indx = 0;

while(indx<n && m[s[indx]]>=k) indx++;

if(indx == n) return n;

int left = longestSubstring(s.substr(0,indx),k);

int right = longestSubstring(s.substr(indx+1,n-indx-1),k);

return max(left,right);

}

};

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Time complexity: O(n)

Space complexity: O(1)

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