Problem Link:

<https://leetcode.com/problems/longest-substring-without-repeating-characters/>

Solution:

class Solution {

public:

int lengthOfLongestSubstring(string s) {

map<char, int> m;

int ml = 0, k = 0;

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

{

char c = s[r];

if(m.count(c) && m[c] >= k)

{

k = m[c] + 1;

}

m[c] = r;

ml = max(ml, r - k + 1);

}

return ml;

}

};