409. Longest Palindrome

Solved

Easy

Topics

Companies

Given a string s which consists of lowercase or uppercase letters, return the length of the longest

palindrome

that can be built with those letters.

Letters are case sensitive, for example, "Aa" is not considered a palindrome.

Example 1:

Input: s = "abccccdd"

Output: 7

Explanation: One longest palindrome that can be built is "dccaccd", whose length is 7.

Example 2:

Input: s = "a"

Output: 1

Explanation: The longest palindrome that can be built is "a", whose length is 1.

CODE:

public class Solution {

public int longestPalindrome(String s) {

HashSet<Character> charSet = new HashSet<>();

int length = 0;

for (char c : s.toCharArray()) {

if (charSet.contains(c)) {

charSet.remove(c);

length += 2;

} else {

charSet.add(c);

}

}

if (!charSet.isEmpty()) {

length += 1;

}

return length;

}

}