**Open-Ended Lab Task 2:**

**Objective:**

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.

**Submission Requirements:**

* Submit the program code along with comments explaining key sections of your implementation.
* Optional: Submit screenshots of sample outputs or visualizations if implemented.

**Examples:**

**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.