Week 15- Day 3 : Coding Challenge

(Maximum marks -15)

Q-1)   Briefly describe CAP theorem   (5 marks)
(Easy)

Q-2) Explain DHCP, ARP and NAT.   (5 marks)
(Easy)

Q-3) Longest Palindrome   (5 marks)
https://leetcode.com/problems/longest-palindrome/
(Easy)

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 here.

Example 1:

Input: s = "abccccdd"

Output: 7

Explanation:

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

Marks distribution:
Question 1,2 and 3 carry 5 marks each.