IQ 1.4 "Palindrome Permutation": Given a String, write a function to check if it is a permutation of a palindrome. A palindrome is a word or phrase that is the same torwards and backwords. A permutation is a rearrangement of letters.

Example:

Input: Tact. Coa

Output: True ("taco cat", "atro cta", etc.)

Solution:

Pseudocode:

Step 1: Remove all spaces

Step 2: Create char array of ASC II values.

Iterate through String and update the trequency
of each.

Step 3! Iterate through Char array to make sure
that no more than 1 value has mod % 2 = 1. (
no more than 1 odd occurring of a character. H
this passes return the, if not return
false.

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Code:
Public boolean is Palin (String S)

int [] ch = new int [128]; for (char C: S. +o CharArray ()) { Ch[(int) c]++; ch (32) = 0; int Count = 0; for (in+ i : ch) { if(i%2 == 1) count ++; · return (count [2]);