Given a string, find out if its characters can be rearranged to form a [palindrome](#).

Example

For `inputString = "aabb"`, the output should be
`palindromeRearranging(inputString) = true`.
We can rearrange `"aabb"` to make `"abba"`, which is a palindrome.

Input/Output

- **[execution time limit] 0.5 seconds (cpp)**

- **[input] string inputString**

  A string consisting of lowercase English letters.

  Guaranteed constraints:
  `1 ≤ inputString.length ≤ 50`.

- **[output] boolean**

  - `true` if the characters of the `inputString` can be rearranged to form a palindrome, `false` otherwise.