



Question-1 Count the number of Duplicated Chars

Write a function that will return the count of distinct case-insensitive alphabetic characters and numeric digits that occur more than once in the input string.

The input string can be assumed to contain only alphabets (both uppercase and lowercase) and numeric digits.

Example:

"abcde" -> 0 # no characters repeats more than once.

"aabbcd" -> 2 # 'a' and 'b'

"aabBcd" -> 2 # 'a' occurs twice and 'b' twice ('b' and 'B')

"indivisiBility" -> 1 # 'i' occurs six times.

"IndivisiBilities" -> 2 # 'i' occurs seven times and 's' occurs twice.

"aA11" -> 2 # 'a' and '1'

"ABBA" -> 2 # 'A' and 'B' each occur twice.

Question-2 Jaden Casing Strings

Jaden Smith, the son of Will Smith, is the star of films such as The Karate Kid (2010) and After Earth (2013). Jaden is also known for some of his philosophy that he delivers via Twitter. When writing on Twitter, he is known for almost always capitalizing every word. For simplicity, you'll have to capitalize each word, check out how contractions are expected to be in the example below.

Your task is to write a method that converts strings to how they would be written by Jaden Smith. The strings are actual quotes from Jaden Smith, but they are not capitalized in the same way he originally typed them.

Note that this function should return empty string for an empty string or null.

Example:

Not Jaden-Cased: "How can mirrors be real if our eyes aren't real"

Jaden-Cased: "How Can Mirrors Be Real If Our Eyes Aren't Real"