**Find The Closest Palindrome**

**Instruction:**

Given a string **n** representing an integer, return the closest integer (not including itself), which is a palindrome. If there is a tie, return **the smaller one.**

The closest is defined as the absolute difference minimized between two integers.

**Example 1:**

Input: n = "123"

Output: "121"

**Example 2:**

Input: n = "1"

Output: "0"

Explanation: 0 and 2 are the closest palindromes but we return the smallest which is 0.

**Constraints:**

* **1 <= n.length <= 18**
* **n** consists of only digits.
* **n** does not have leading zeros.
* **n** is representing an integer in the range **[1, 1018 - 1].**

**CASES TO TEST:**

**CASE 1:**

Input: **n** = "123"

Expected Output = "121"

**CASE 2:**

Input: **n** = "1"

Expected Output = "0"