[**Balanced string**](https://practice.geeksforgeeks.org/problems/balanced-string1627/1)

Given an integer N.Create a string using only lowercase characters from a to z that follows the given rules.

**When N is even:**

Use N/2 characters from the beginning of a-z and N/2 characters from the ending of a-z.

When N is greater than 26,continue repeating the instructions until length of string becomes N.

**When N is odd:**

*Case 1:* If the sum of digits of N is even, Select (N+1)/2 characters from the beginning of a-z and (N-1)/2 characters from the ending of a-z.

*Case 2:* If the sum of digits of N is odd, Select (N-1)/2 characters from the beginning of a-z and (N+1)/2 characters from the ending of a-z.

When N is greater than 26,continue repeating the instructions until length of string becomes N.

**Example 1:**

**Input:**

N=21

**Output:**

abcdefghijpqrstuvwxyz

**Explanation:**

Since 21 is odd and sum of digits

of 21 is also odd,we take (21-1)/2=10

characters from the beginning and

(21+1)/2=11 characters from the

end of a-z.

**Example 2:**

**Input:**

N=28

**Output:**

abcdefghijklmnopqrstuvwxyzaz

**Explanation:**

Since 28>26, we keep repeating

the process until length of string becomes

28.

**Your Task:**  
You don't need to read input or print anything. Your task is to complete the function **BalancedString()**which takes the integer N as input parameter and returns the string created using given procedures.

**Expected Time Complexity:**O(N)  
**Expected Auxiliary Space:**O(1)

**Constraints:**  
1 <= N <= 105