**Non Repeating Character**

Given a string **S** consisting of **lowercase**Latin Letters. Return the first non-repeating character in S. If there is no non-repeating character, return **'$'.**

**Example 1:**

**Input:**

S = hello

**Output:** h

**Explanation:** In the given string, the

first character which is non-repeating

is h, as it appears first and there is

no other '**h**' in the string.

**Example 2:**

**Input:**

S = zxvczbtxyzvy

**Output:** c

**Explanation:** In the given string, 'c' is

the character which is non-repeating.

**Your Task:**  
You only need to complete the function**nonrepeatingCharacter()**that takes **string**S as a **parameter**and returns the character. If there is **no non-repeating** character then return **'$'** .

**Expected Time Complexity:**O(N).  
**Expected Auxiliary Space:**O(Number of distinct characters).  
**Note**: N = |S|

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