Non Repeating Character 🔖

Easy   Accuracy: **49.1%**   Submissions: **26307**   Points: **2**

Given a string **S** consisting of **lowercase** Latin Letters. Find the first non-repeating character in S.

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:
$1 <= N <= 10^3$

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