

# Non Repeating Character

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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:**  $O(\text{Number of distinct characters})$ .

**Note:**  $N = |S|$

```
import collections
class Solution:

    #Function to find the first non-repeating character in a string.
    def nonrepeatingCharacter(self,s):
        #code here
        freq = collections.Counter(s)
        for ele in s:
            if freq[ele]==1:
                return ele
        return '$'
```