

Write a Program to print Non-repeating characters in a string

Description

Get a string as the input from the user and print the non-repeating characters in a string.

Input

Hello

Output

H e o

C Program

```
#include <stdio.h>

int main()
{
    char str[20];
    int i;
    int frequency[256] = {0};
    printf("Enter a string: ");
    gets(str);
    for(i = 0; str[i] != '\0'; i++)
    {
        frequency[str[i]]++;
    }
    printf("Non repeating characters: ");
    for(i = 0; i < 256; i++)
    {
        if(frequency[i] == 1)
        {
            printf("%c", i);
        }
    }
}
```

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```
    }  
}  
return 0;  
}
```

C++ Program

```
#include <iostream>  
#include <string.h>  
using namespace std;  
int main()  
{  
    char str[20];  
    int i;  
    int frequency[256] = {0};  
    cout<<"Enter a string:";  
    gets(str);  
    for(i = 0; str[i] != '\0'; i++)  
    {  
        frequency[str[i]]++;  
    }  
    cout<<"Non repeating characters:";  
    for(i = 0; i < 256; i++)  
    {  
        if(frequency[i] == 1)  
        {  
            printf("%c", i);  
        }  
    }  
    return 0;
```

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```
}
```

Java

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.println("Enter a string");

        String str = sc.next();

        int frequency[] = new int[256];

        for (int i = 0; i < str.length(); i++)
            frequency[str.charAt(i)]++;

        System.out.println("Non repeating characters are:");

        for (int i = 0; i < 256; i++)
            if (frequency[i] == 1)
                System.out.print((char) i + " ");

    }
}
```

Python

```
Str = input('Enter a string: ')

for i in Str:
    count = 0

    for j in Str:
        if i == j:
            count += 1

    if count > 1:
        break
```

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```
if count == 1:  
    print(i,end=" ")
```



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