

Lecture

Question First Unique Character in a String

Given a string s , find the first non-repeating character in it and return its index. If it does not exist, return -1

Code

```
int firstUniqChar(char *s)
```

```
{
```

```
    int len = strlen(s);
```

```
    int a[26] = {0};
```

```
    int i = 0;
```

```
    for(i = 0; i < len; i++)
```

```
    {
```

```
        a[s[i] - 'a']++;
```

```
    }
```

```
    for(i = 0; i < len; i++)
```

```
    {
```

```
        if (a[s[i] - 'a'] == 1)
```

```
        {
```

```
            return i;
```

```
        }
```

```
    }
```

```
    return -1;
```

```
}
```

Output

Case 1:

Input $s = \text{"leetcode"}$

Output 0

Case 2:

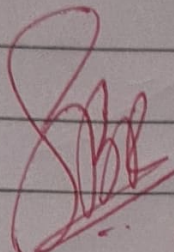
Input $S = \text{"loveleetcodi"}$

Output 2

Case 3:

Input $S = \text{"aabb"}$

Output -1

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