

Instructions:

1. Create a GitHub repo, with two folders: Problem 1 and Problem 2
2. Keep it public, and share the link to your github repo.

Problem 1:

Given any string, find the number of characters of the same letter. The Sequence of the output of counts should be in order in which the letters come in the word. Ignore whitespaces. Also, focus on optimizing code as much as possible.

Example 1: Amolya Sharma

The expected answer would be:

A-4

M-2

O-1

L-1

Y-1

S-1

H-1

R-1

Example 1: Chinmay Kulkarni

The expected answer would be:

C-1

H-1

I-1

N-2

M-1

A-2

Y-1

K-2

U-1

L-1

R-1

I-1

Problem 2:

Implement the following:

On clicking Add record call the following REST API and add the record in the table.

Your task is to make a clickable button “Add Record” which on click will add a random user in the table from the <https://swapi.dev/api/people/{random number}> API which will return information of the random user (open to check) also implement the “Delete” button to delete record from the table. Display in the format as mentioned below in the picture. You don't have to style it properly, basic CSS will work. Just focus on functionality.

Note: You cannot use extra dependencies/packages except Axios.

```
curl --location --request GET 'https://swapi.dev/api/people/{random number}' \
--header 'Accept: application/json'
```

More details here: <https://share.vidyard.com/watch/AuNCHFnaxvrMK1aqA8MjVy?>

Add Record	
Name	
Fredrick Warner	Delete
Amitabh Bacchan	Delete
Shahrukh Khan	Delete

If the user clicks on delete, that record should get deleted.