

ICP4 – Group 12

Sri Nikhitha Boddapati – sb4dz@umsystem.edu - 16322565

GitHub link: <https://github.com/Srinikhitha98/Web-Mobile-Dev-Spring-2022/tree/main/Web/ICP4>

Sukumar Bodapati – sb5zh@umsystem.edu - 16326105

GitHub link: <https://github.com/sukumarbodapati/Web-Mobile-Spring-2022/tree/main/Web/ICP4>

ICP4: JavaScript, jQuery, API'S

Outcomes of ICP4:

jQuery:

It is a framework which helps the web designers to build their pages with wide variety of features.

Ajax:

It interacts with the server using the objects. The main advantage of ajax is we can update the data without reloading the page.

Objective of ICP4:

To display the user details and to make a call to Github Api when you search by username.

Tasks:

1. Imported the source code given.
2. In the HTML code, we design a block to give the input.
3. Link JavaScript and jQuery.
4. We write document. Ready which determines the state of the document and executes the function when the script is ready for execution.
5. Inside this function we write an if clause in such a way that if we press enter, we will take the entered value into the variable and call GitHubinfo function by passing this text.
6. GitHubInfo function is used to get the information from API, and we have used ajax: method is get and URL as GitHub API link concorded with the user name.
7. If the user exists i.e., if we get the response as 200 from the API then we will pass the data to another function called Display data.
8. In the function Display data, we are calling the variables by id and assigning them with received data from the API such as login, id, name, profile picture, GitHub link.
9. If the user doesn't exist and response is 404 (not found), we will pass the data we received from API through the noUser function which display that user is not found.

Code:

```
// The function should finally return the object  
$.ajax({  
  type: "GET",  
  url: "https://api.github.com/users/"+username,  
}).done(function (data) {  
  Displaydata(data)  
}).fail(function (data) {  
  noUser(data)  
});  
}
```

Output:

Final HTML page:

Hello!

enter a github username...

Case 1: When you enter a valid username, the page interacts with the API and returns username, user Id, Name of the user and profile picture of the user.

Hello!

enter a github username...

User : Srinikhitha98

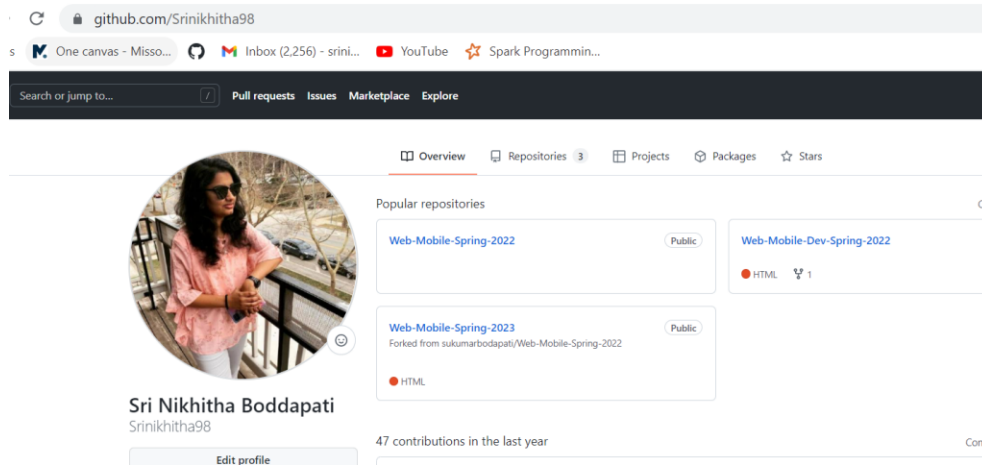
User id : 98364600

User Name : Sri Nikhitha Boddapati

[Github](#)



When you click on the GitHub, it is redirected to the GitHub page of the user



Case 2:When the enter the username that doesn't exist, it displays not found please verify the username.

enter a github username...

Not FoundPlease verify the username