

WEB DEVELOPMENT

ICP_4

Name – Vishnumonish Kankanala

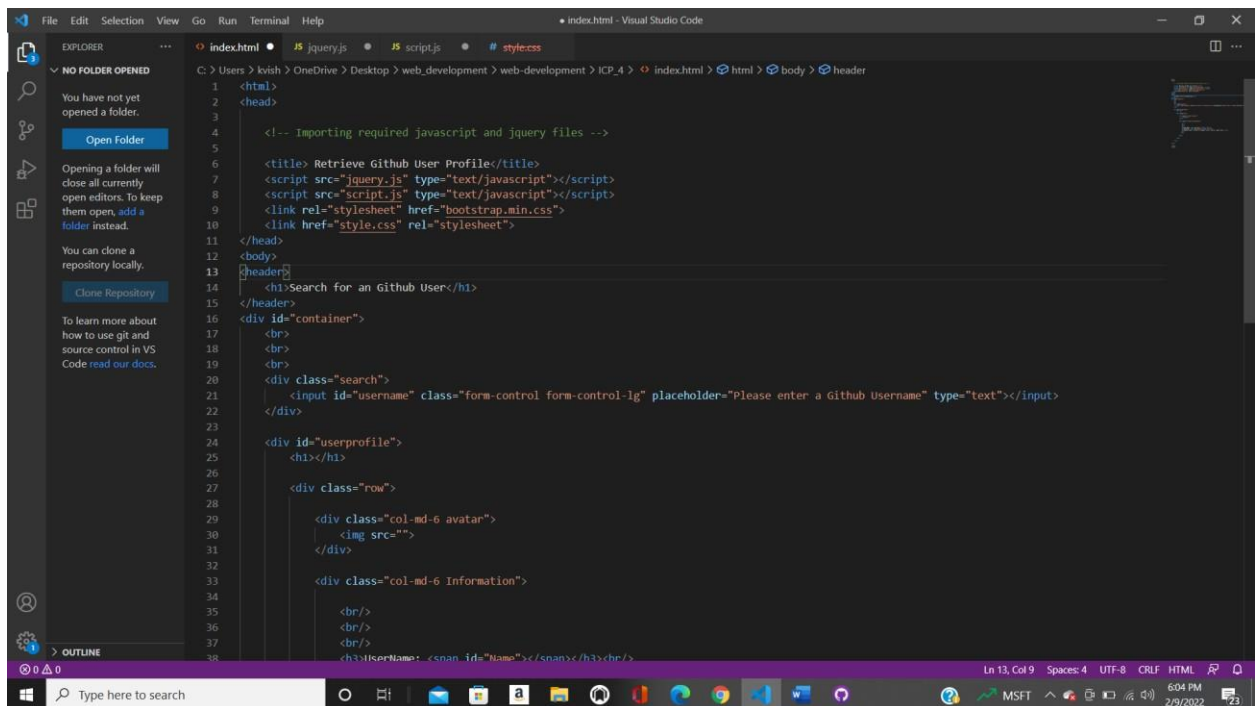
Github link : https://github.com/Vishnumonish/web-development/tree/main/ICP_4

Parther Name – Rajendra Ganji

Github link : <https://github.com/Rajendraganji/WebCourse2022/new/main/WebPart/ICP4>

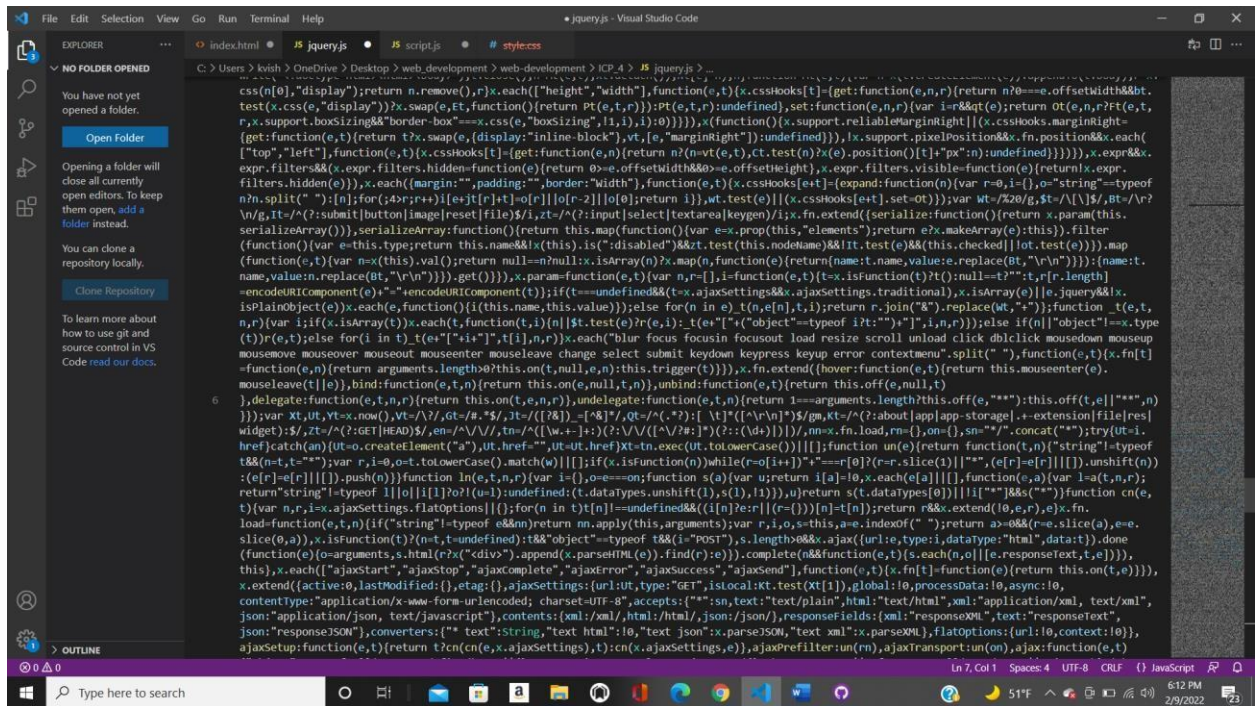
ICP 4 TASK :- GITHUB USER FINDER

- 1) Had created the index.html file which acts as the webpage which asks user to enter username for fetching Github account of the username entered.



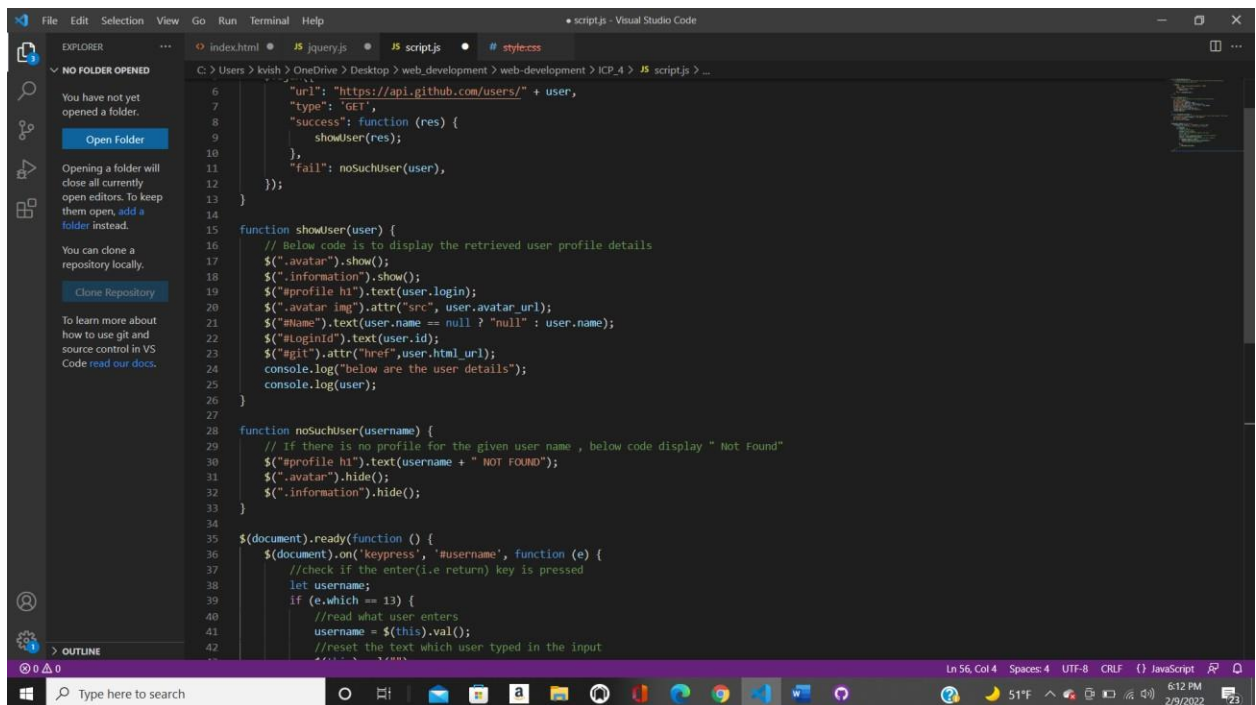
```
1 <html>
2 <head>
3
4 <!-- Importing required javascript and jquery files -->
5
6 <title> Retrieve Github User Profile</title>
7 <script src="jquery.js" type="text/javascript"></script>
8 <script src="script.js" type="text/javascript"></script>
9 <link rel="stylesheet" href="bootstrap.min.css">
10 <link href="style.css" rel="stylesheet">
11 </head>
12 <body>
13 <header>
14 <h1>Search for an Github User</h1>
15 </header>
16 <div id="container">
17 <br>
18 <br>
19 <br>
20 <div class="search">
21 <input id="username" class="form-control form-control-lg" placeholder="Please enter a Github Username" type="text"></input>
22 </div>
23
24 <div id="userprofile">
25 <h1></h1>
26
27 <div class="row">
28
29 <div class="col-md-6 avatar">
30 <img src="">
31 </div>
32
33 <div class="col-md-6 Information">
34
35 <br>
36 <br>
37 <br>
38 <h3>UserName: <span id="name"></span></h3></div>
```

2) Implemented the jquery.js file



The screenshot shows the Visual Studio Code editor with the 'jquery.js' file open. The Explorer panel on the left shows the project structure with 'index.html', 'jquery.js', 'script.js', and 'style.css'. The main editor area displays the jQuery library code, which is a large, minified JavaScript file. The status bar at the bottom indicates the file is 'jquery.js' and the editor is at line 7, column 1.

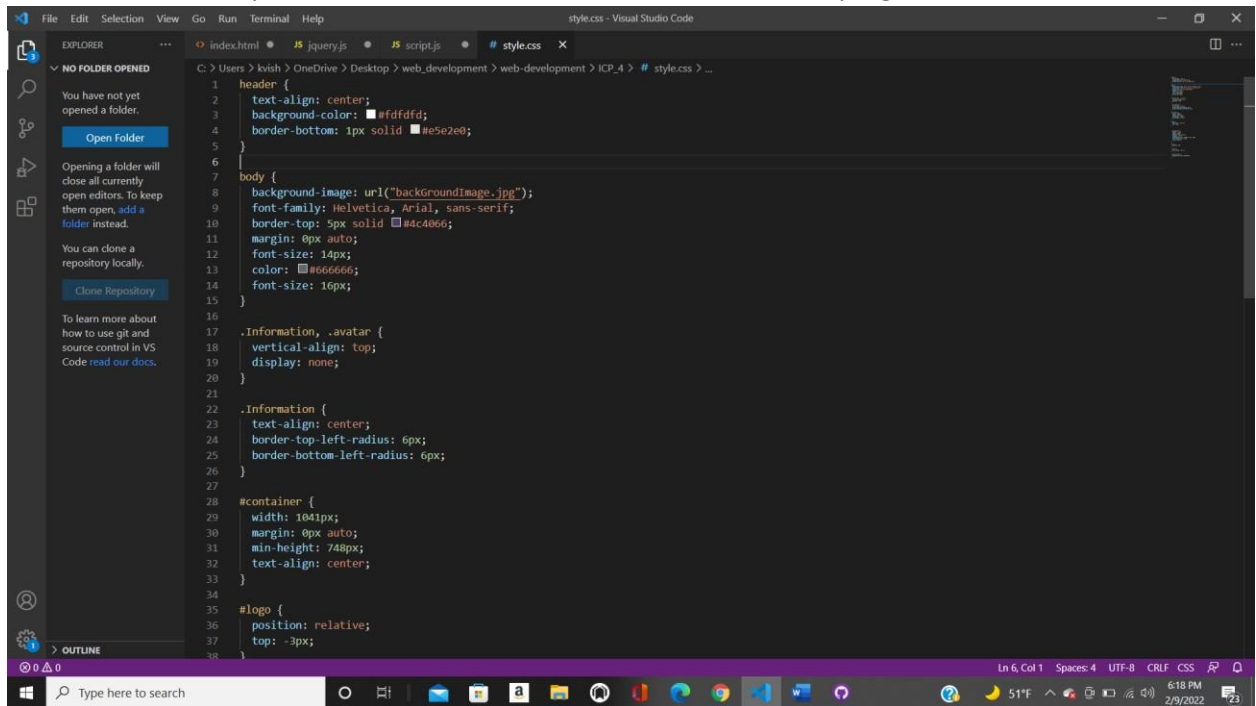
3) Developed the js code (Script.js) file for showing the profile details fetched from the github like id, avatar, username.



The screenshot shows the Visual Studio Code editor with the 'script.js' file open. The Explorer panel on the left shows the project structure with 'index.html', 'jquery.js', 'script.js', and 'style.css'. The main editor area displays the JavaScript code for fetching and displaying GitHub user profile details. The code includes a 'showUser' function that fetches user data from the GitHub API and a 'noSuchUser' function that handles the case where a user is not found. The status bar at the bottom indicates the file is 'script.js' and the editor is at line 56, column 4.

```
6      "url": "https://api.github.com/users/" + user,
7      "type": "GET",
8      "success": function (res) {
9          showUser(res);
10     },
11     "fail": noSuchUser(user),
12 });
13
14 function showUser(user) {
15     // Below code is to display the retrieved user profile details
16     $(".avatar").show();
17     $(".information").show();
18     $("#profile h1").text(user.login);
19     $(".avatar img").attr("src", user.avatar_url);
20     $("#name").text(user.name == null ? "null" : user.name);
21     $("#loginid").text(user.id);
22     $("#git").attr("href", user.html_url);
23     console.log("below are the user details");
24     console.log(user);
25 }
26
27
28 function noSuchUser(username) {
29     // If there is no profile for the given username , below code display " Not Found"
30     $("#profile h1").text(username + " NOT FOUND");
31     $(".avatar").hide();
32     $(".information").hide();
33 }
34
35 $(document).ready(function () {
36     $(document).on('keypress', '#username', function (e) {
37         //check if the enter(i.e return) key is pressed
38         let username;
39         if (e.which == 13) {
40             //read what user enters
41             username = $(this).val();
42             //reset the text which user typed in the input
43         }
44     });
45 })
```

4) We have used the style.css file as seen in the below screenshots for styling

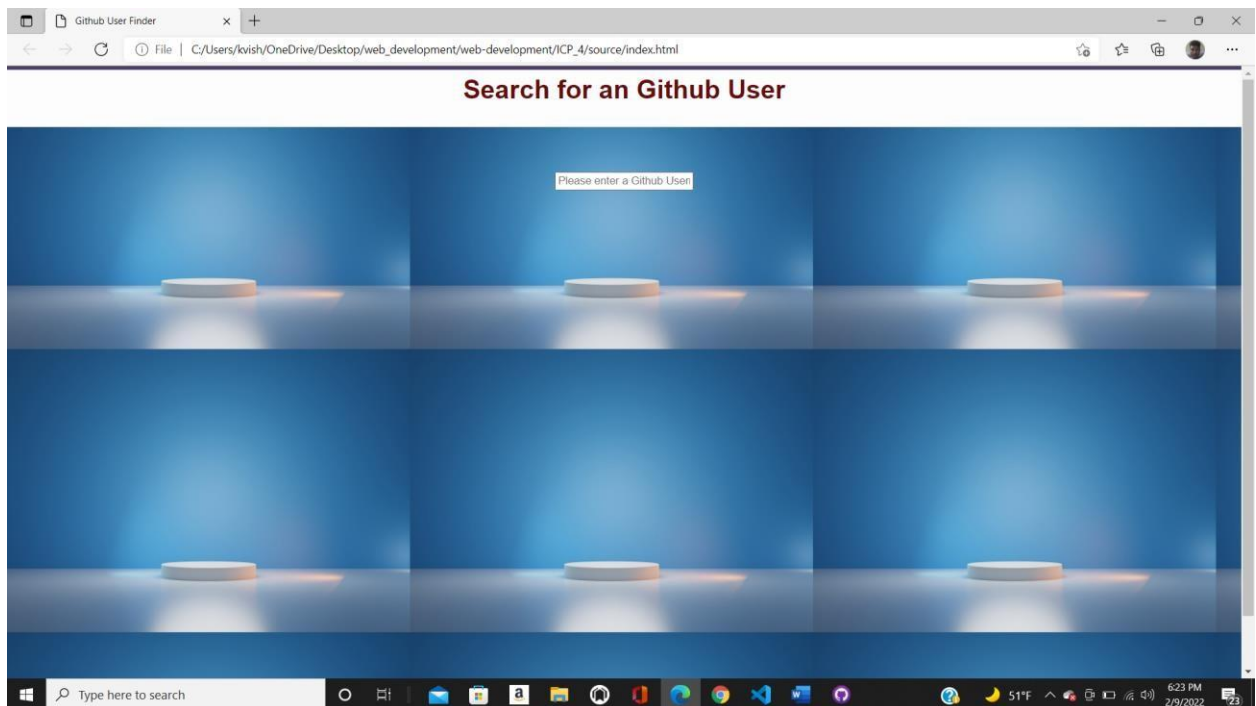


The screenshot shows the Visual Studio Code editor with the 'style.css' file open. The file contains CSS rules for a web page. The Explorer sidebar on the left shows the project structure with files like 'index.html', 'jquery.js', 'script.js', and 'style.css'. The main editor area displays the following CSS code:

```
1 header {
2   text-align: center;
3   background-color: #fdfdfd;
4   border-bottom: 1px solid #e5e2e0;
5 }
6
7 body {
8   background-image: url("backgroundimage.jpg");
9   font-family: Helvetica, Arial, sans-serif;
10  border-top: 5px solid #4c4066;
11  margin: 0px auto;
12  font-size: 14px;
13  color: #666666;
14  font-size: 16px;
15 }
16
17 .Information, .avatar {
18   vertical-align: top;
19   display: none;
20 }
21
22 .Information {
23   text-align: center;
24   border-top-left-radius: 6px;
25   border-bottom-left-radius: 6px;
26 }
27
28 #container {
29   width: 1041px;
30   margin: 0px auto;
31   min-height: 748px;
32   text-align: center;
33 }
34
35 #logo {
36   position: relative;
37   top: -3px;
38 }
```

The status bar at the bottom indicates the current line and column (Ln 6, Col 1), the number of spaces (4), the encoding (UTF-8), and the line endings (CRLF).

5) This is how the page is displayed initially



- 6) The below are the outputs respectively how the page looks like in each step while user enters the details to fetch the git by using their username:

