

ICP4 Report

Contributors:

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Tasks performed in ICP4:

1. Used the old repository and created a new project ICP4_Web under Web-and-Mobile-Programming-Spring-2022 and changed the directory structure in the local git of the webstorm. Created **index.html, index.css, index.js, jquery.js** under WebStorm/web/Web-and-Mobile-Programming-Spring-2022/ICP4_Web /Source.
2. In index.html, we have added header as find the github user and created the body with an background image and input text box to enter the git hub user name and a submit button to submit the searched user.
3. Inside index.css we have added the required styling elements for the webpage.
4. In index.js we have created certain functions such as getGithubInfo(), noSuchUser(), showUser() to perform different actions.
5. When User is shown then there will be a card menu which shows profile picture of the user, user name and profile link.
6. we have imported the JQuery library by adding the jquery.js file downloaded using script tags in the html file

Code Base:

Index.html

```

<html>
  <head>
    <title>Github User Finder</title>
    <link href="index.css" rel="stylesheet">
    <script src="jquery.js" type="text/javascript"></script>
    <script src="index.js" type="text/javascript"></script>
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384f9cCvEg7XdgI5G0zIieoqaxyugiT8J4Wx" />
  </head>
  <body>
    <header>
      <h1> Find the GITHUB User </h1>
    </header>
    <div id="container">
      <div class="search">
        <div id="error" class="alert alert-danger" role="alert">
          </div>
        <div>
          <input id="username" placeholder="Enter Username" type="text">
        </div>
        <button id="submit" class="submit-btn">SUBMIT</button>
      </div>
      <div id="profile" class="card" style="text-align:center; width: 18rem;">
        <img class="card-img-top" src="" alt="Card image cap">
        <div class="card-body">
          <h5 class="card-title"></h5>
          <p class="card-text"></p>
          <a href="#" class="btn btn-primary">Profile Link</a>
        </div>
      </div>
    </div>
  </body>
</html>

```

```

<html>
  <head>
    <title>Github User Finder</title>
    <link href="index.css" rel="stylesheet">
    <script src="jquery.js" type="text/javascript"></script>
    <script src="index.js" type="text/javascript"></script>
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384f9cCvEg7XdgI5G0zIieoqaxyugiT8J4Wx" />
  </head>
  <body>
    <header>
      <h1> Find the GITHUB User </h1>
    </header>
    <div id="container">
      <div class="search">
        <div id="error" class="alert alert-danger" role="alert">
          </div>
        <div>
          <input id="username" placeholder="Enter Username" type="text">
        </div>
        <button id="submit" class="submit-btn">SUBMIT</button>
      </div>
      <div id="profile" class="card" style="text-align:center; width: 18rem;">
        <img class="card-img-top" src="" alt="Card image cap">
        <div class="card-body">
          <h5 class="card-title"></h5>
          <p class="card-text"></p>
          <a href="#" class="btn btn-primary">Profile Link</a>
        </div>
      </div>
    </div>
  </body>
</html>

```

html > body > div#container > div#profile.card > div.card-body

Index.css

```

body {
  background-position: center;
  background-repeat: no-repeat;
  background-size: cover;
  background-image: url("https://wallpapercave.com/w/wp4842945.jpg");
  background-color: #5F3729;
  font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
  border-top: 5px solid #131F49;
  margin: 0px auto;
  font-size: 14px;
  color: darkseagreen;
  font-size: 16px;
}

header {
  text-align: center;
  font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
  background-color: cornflowerblue;
  border-bottom: 1px black;
  color: black;
}

#logo {
  position: relative;
  top: -2px;
}

```

Web-and-Mobile-Programming-Spring-2022 – index.css

```
23 #Logo {  
24     position: relative;  
25     top: -2px;  
26 }  
27  
28 #submit {  
29     width: 120px;  
30     margin-top: 10px;  
31     padding: 5px;  
32     background-color: dodgerblue;  
33     color: black;  
34     border-style: inset;  
35     border-color: none;  
36 }  
37  
38 .alert.alert-danger{  
39     background-color: rosybrown;  
40     padding: 5px;  
41     font-weight: bold;  
42 }  
43  
44 #container {  
45     width: 1040px;  
46     margin: 0px auto;
```

Web-and-Mobile-Programming-Spring-2022 – index.css

```
50 input[type='text'] {  
51     background-color: black;  
52     border-color: none;  
53     font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;  
54     height: 2.2em;  
55     font-size: 2em;  
56     width: 50%;  
57     padding: 5px;  
58     color: black;  
59 }  
60  
61 .information, .avatar {  
62     vertical-align: top;  
63     display: inline-block;  
64 }  
65  
66 .information {  
67     text-align: center;  
68     border-top-left-radius: 5px;  
69     border-bottom-left-radius: 5px;  
70 }  
71  
72 .search {  
73     text-align: center;
```

Web-and-Mobile-Programming-Spring-2022 – index.css

```
78 h2 {  
79     padding: 5px;  
80 }  
81  
82 .profile {  
83     height: 130px;  
84     width: 150px;  
85     padding: 96px 30px 0;  
86     display: block;  
87     background-color: hotpink;  
88     text-decoration: none;  
89     color: palevioletred;  
90     font-weight: bold;  
91 }  
92  
93 .profile:hover {  
94     background-color: #050708;  
95 }  
96  
97  
98 #error {  
99     color: rgba(10, 7, 7, 0.63);  
100    margin: 10px;  
101    font-size: 20px;
```

Terminal: Local x +
kusamnavyalakshmi@macbook-air Web-and-Mobile-Programming-Spring-2022 %

Web-and-Mobile-Programming-Spring-2022 – index.css

The screenshot shows a code editor window with the file "index.css" open. The code defines several CSS classes and a function:

```
text-decoration: none;
color: palevioletred;
font-weight: bold;

.profile:hover {
    background-color: #050708;

#error {
    color: rgba(10, 7, 7, 0.63);
    margin: 10px;
    font-size: 20px;

.card {
    margin: 0 auto;
    float: none;
    margin-bottom: 10px;

function getGithubInfo(user, callback) {
    // Creating an instance of XMLHttpRequest class and send a GET request using it.

    var ghb = new XMLHttpRequest();
    ghb.open(method: "GET", url: "https://api.github.com/users/" + user, async: true);
    ghb.onreadystatechange = function (e: Event) {
        if (this.readyState === 4) {
            if (this.status === 200) {
                callback(ghb);
            } else {
                console.log(ghb);
            }
        }
    };
    ghb.send();

    function noSuchUser(username) {
        // setting the elements to display message
        $("#profile").hide();
        $("#error").show();
        $("#error").text("Username not found");
        // document.getElementById('error').innerText = 'Something';
    }
}
```

Index.js

Web-and-Mobile-Programming-Spring-2022 – index.js

The screenshot shows a code editor window with the file "index.js" open. The code contains a function "getGithubInfo" and a function "noSuchUser":

```
function getGithubInfo(user, callback) {
    // Creating an instance of XMLHttpRequest class and send a GET request using it.

    var ghb = new XMLHttpRequest();
    ghb.open(method: "GET", url: "https://api.github.com/users/" + user, async: true);
    ghb.onreadystatechange = function (e: Event) {
        if (this.readyState === 4) {
            if (this.status === 200) {
                callback(ghb);
            } else {
                console.log(ghb);
            }
        }
    };
    ghb.send();

    function noSuchUser(username) {
        // setting the elements to display message
        $("#profile").hide();
        $("#error").show();
        $("#error").text("Username not found");
        // document.getElementById('error').innerText = 'Something';
    }
}
```

Web-and-Mobile-Programming-Spring-2022 – index.js

```
function noSuchUser(username) {
    // setting the elements to display message
    $('#profile').hide();
    $('#error').show();
    $('#error').text("Username not found")
    // document.getElementById('error').innerText = 'Something';
}

function showUser(user) {
    $('#profile').show();
    $('#profile h5.card-title').text(user.login)
    $('#profile img.card-img-top').attr('src', user.avatar_url)
    $('#profile p.card-text').text('User Name : ' + user.name)
    $('#profile a').attr('href', "https://github.com/" + user.login)
    $('#error').hide();
}

$(document).ready(function () {
    $('#error').hide();

    $('#username').bind("change", () => {
        console.log("Changed")
    })
    $('#submit').bind('click', () => {
        getGithubInfo()
    })
})
```

Web-and-Mobile-Programming-Spring-2022 – index.js

```
$('#submit').bind('click', () => {
    console.log("Clicked");
    let username = $('#username').val();
    if (username) {
        $('#error').text("");
        getGithubInfo(username, callback: function(response) {
            //if the response is found display the user's details
            if (response && response.status == 200) {
                showUser(JSON.parse(response.responseText));
                // display nosuchuser message
            } else {
                noSuchUser(username);
            }
        });
    } else {
        $('#profile').hide();
        $('#error').show();
        $('#error').text("Type Username:");
    }
})
$('#profile').hide();
$('#submit').on( e: 'click', t: '#username', n: function (e) {
    //check if the enter(i.e return) key is pressed
    getGithubInfo()
```

Web-and-Mobile-Programming-Spring-2022 – index.js

```
$('#profile').hide();
$('#submit').on( e: 'click', t: '#username', n: function (e) {
    //check if the enter(i.e return) key is pressed
    console.log(e)
    if (e.which == 13) {
        //get what the user enters
        username = $(this).val();
        if (username) {
            $('#error').text("");
            getGithubInfo(username, callback: function(response) {
                //if the response is found display the user's details
                if (response && response.status == 200) {
                    showUser(JSON.parse(response.responseText));
                    // display no such user message
                } else {
                    noSuchUser(username);
                }
            });
        } else {
            $('#profile').hide();
            $('#error').text("Type Username:");
        }
        //reset the text typed in the input
        $(this).val( e: "");
    }
})
```

Web-and-Mobile-Programming-Spring-2022 - Index.js

```

74 // If the response was successful, then process the JSON
75 if (response && response.status == 200) {
76   // Show success message in the console
77   showUser(JSON.parse(response.responseText));
78 } else {
79   noSuchUser(username);
80 }
81 }});
82 else {
83   $('#profile').hide();
84   $('#error').text("Type Username:");
85 }
86 //reset the text typed in the input
87 $(this).val("");
88 }
89 }
90 });
91 });
92 });
93 
```

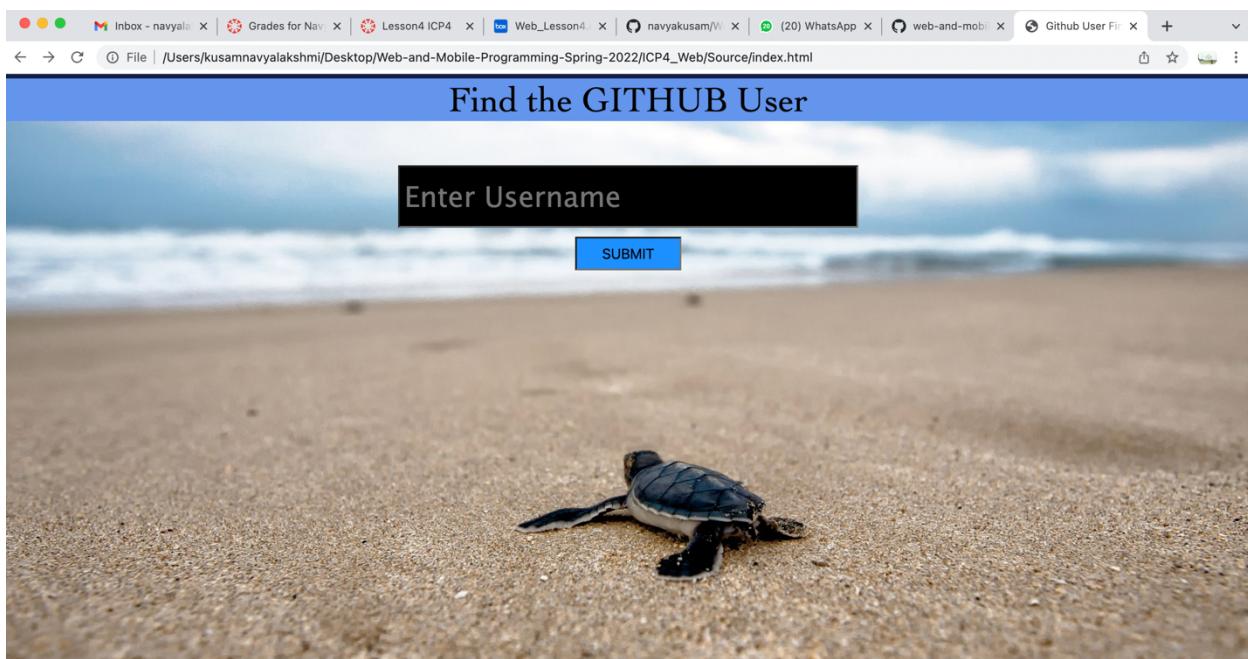
jquery.js

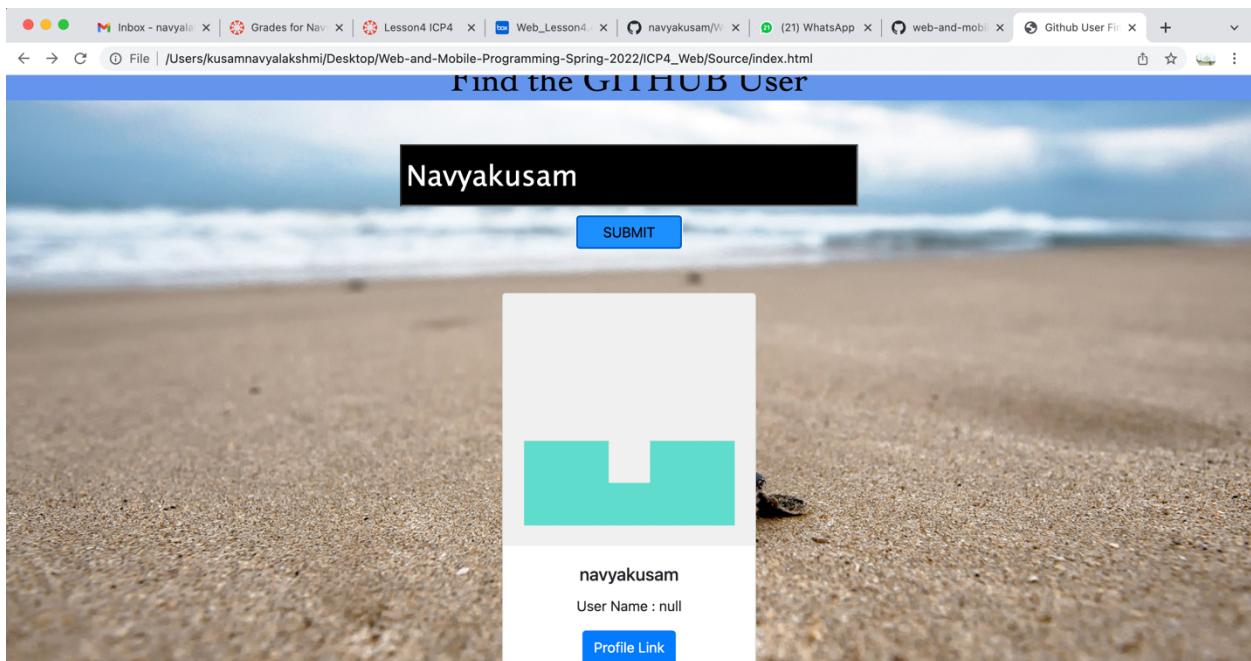
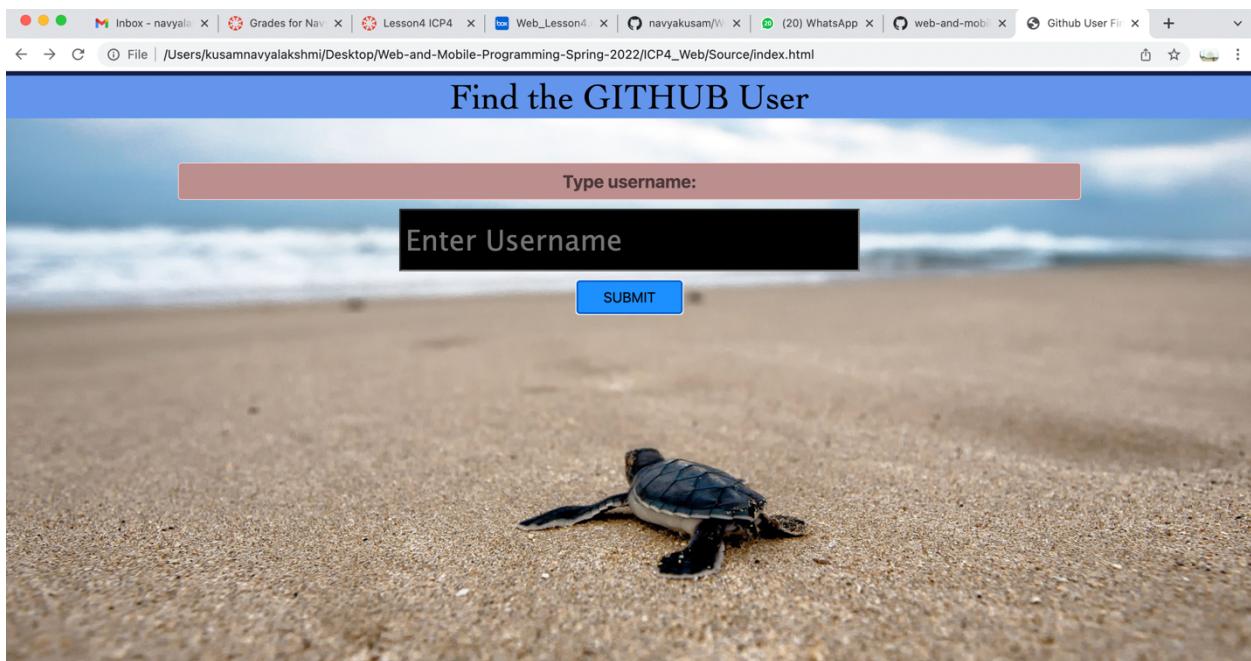
Web-and-Mobile-Programming-Spring-2022 - jquery.js

```

Generated source files should not be edited. The changes will be lost when sources are regenerated.
OFF
1 /*(*/jQuery v2.0.3 | (c) 2005, 2013 jQuery Foundation, Inc. | jquery.org/license
2 // @ sourceMappingURL=jquery-2.0.3.min.map
3 /*/
4 (function(e,undefined){var t,n,r=typeof undefined,i=e.location,o=o.documentElement,a=e.jquery,u=e.$,l=[],p=
5 );"inprogress"==i&&(i.en.shift(),r--),i&&"fx"==i.t&&i.unshift("inprogress"),delete o.stop,i.call(e,s,o),!i&&o.empty,t
6 },delegate:function(e,t,n,r){return this.on(t,e,n,r)},undelegate:function(e,t,n){return 1==arguments.length?this.off(e,
7 
```

Output:





GitHub Overview for user navyakusam

Popular repositories:

- Hack-A-Roo** (Public)
Jupyter Notebook
- WebMobile-Spring2022** (Public)
Forked from DP2196/WebMobile-Spring2022
WebMobile-Spring2022
- Web-and-Mobile-Programming-Spring-2022** (Public)
HTML
- web-and-mobile-programming** (Public)
Forked from sathwik-b/web-and-mobile-programming
Java

93 contributions in the last year

Contribution settings ▾