

## ASSIGNMENT-1

(a)when the fields are left empty and proceeded to join our list the errors "this field is required" gets popped out as shown in below screenshot.

### Please join our email list

Email Address:  This field is required.

Re-enter Email Address:

First Name  This field is required.

(b)when entered e-mail is not same as the re-enter email slot then the error "this entry must equal first entry" gets popped out.

### Please join our email list

Email Address:

Re-enter Email Address:  This entry must equal first entry.

First Name  This field is required.

(c)when all the fields are filled correctly and clicks on the join button the below page gets popped out.

## Thanks for joining our email list!

(d)when we try to reload and reset the values the window shows the following screenshot.

## Please join our email list

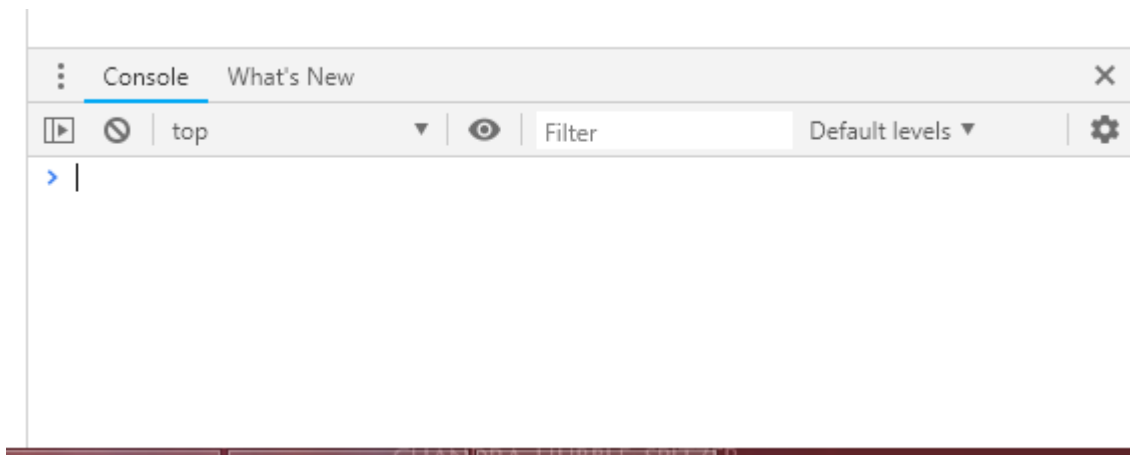
Email Address:

Re-enter Email Address:

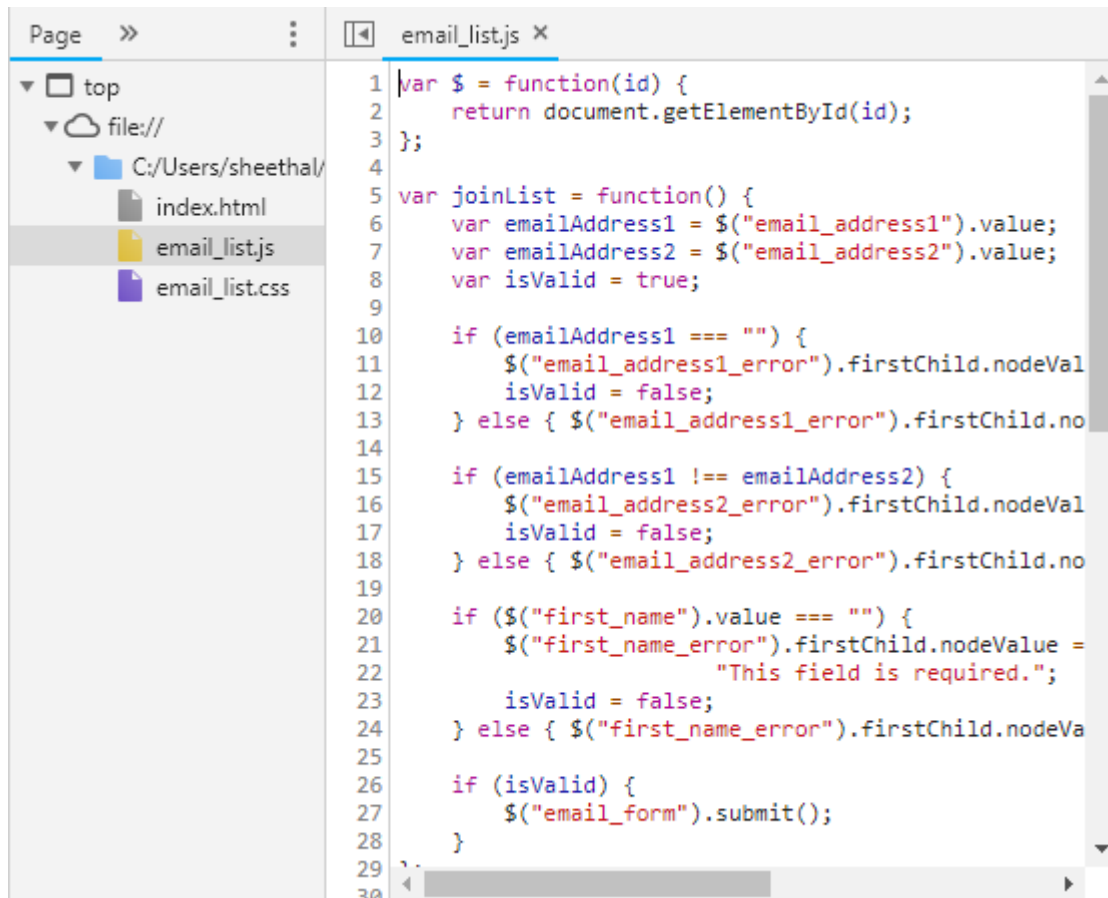
First Name

Join our List

(e)In the above scenario, the console tab doesn't show any error as follow.



(f) Javascript code for the email\_list page.



```
1 |var $ = function(id) {
2 |    return document.getElementById(id);
3 |};
4
5 |var joinList = function() {
6 |    var emailAddress1 = $("email_address1").value;
7 |    var emailAddress2 = $("email_address2").value;
8 |    var isValid = true;
9
10 |    if (emailAddress1 === "") {
11 |        $("email_address1_error").firstChild.nodeVal
12 |        isValid = false;
13 |    } else { $("email_address1_error").firstChild.no
14
15 |    if (emailAddress1 !== emailAddress2) {
16 |        $("email_address2_error").firstChild.nodeVal
17 |        isValid = false;
18 |    } else { $("email_address2_error").firstChild.no
19
20 |    if ($("first_name").value === "") {
21 |        $("first_name_error").firstChild.nodeValue =
22 |        "This field is required.";
23 |        isValid = false;
24 |    } else { $("first_name_error").firstChild.nodeVa
25
26 |    if (isValid) {
27 |        $("email_form").submit();
28 |    }
29
30 |
```

(g) index.html code screenshot.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Join Email List</title>
6   <link rel="stylesheet" href="email_list.css">
7   <script src="email_list.js"></script>
8 </head>
9 <body>
10   <main>
11     <h1>Please join our email list</h1>
12     <form id="email_form" name="email_form" action="#">
13       <label for="email_address1">Email Address</label>
14       <input type="text" id="email_address1" name="email_address1">
15       <span id="email_address1_error"></span>
16
17       <label for="email_address2">Re-enter Email Address</label>
18       <input type="text" id="email_address2" name="email_address2">
19       <span id="email_address2_error"></span>
20
21       <label for="first_name">First Name</label>
22       <input type="text" id="first_name" name="first_name">
23       <span id="first_name_error"></span>
24
25       <label>&nbsp;</label>
26       <input type="button" id="join_list" value="Join List">
27     </form>
28   </main>
29 </body>
30 </html>
```

(h) In the html code the highlighted part refers to the error to be displayed when both entered emails are different.

```
... <input type="text" id="email_address2" name="email_address2">
<span id="email_address2_error">This entry must equal first entry</span>
</span> == $0
<br>
<label for="first_name">First Name</label>
<input type="text" id="first_name" name="first_name">
<span id="first_name_error">This field is required.</span>
...
```

(i) Page of the FAQs index.html.

## JavaScript FAQs

- + What is JavaScript?
- + What is jQuery?
- + Why is jQuery becoming so popular?

(j) when clicked on the "+" the hidden content gets displayed.

## JavaScript FAQs

### + What is JavaScript?

JavaScript is a browser-based programming language that makes web pages more responsive and saves round trips to the server.

- + What is jQuery?
- + Why is jQuery becoming so popular?

(k) Opening the hidden content using Tab+Enter key.

## JavaScript FAQs

### + What is JavaScript?

### + What is jQuery?

jQuery is a library of the JavaScript functions that you're most likely to need as you develop websites.

### + Why is jQuery becoming so popular?

(L) Open the swap index.html page.

## Fishing Images

Click on an image to enlarge.



## Catch and Release



(m)When clicked o the next image the Larger version of image gets displayed as below.

## Fishing Images

Click on an image to enlarge.



## Deer at Play



(n)When another picture is selected then enlarged picture gets displayed as below.

## Fishing Images

Click on an image to enlarge.



### The Big One!

