

CSCI 165 (FLEX) Lab#7

Usually, a lab is made available on Wednesday, and due by Friday midnight of the same week.

The objective of this JavaScript lab is to understand some basic structure of a JavaScript program (function call and definition). In this lab, you will create a JavaScript function that displays a message and an emoji on the browser screen.

Requirements:

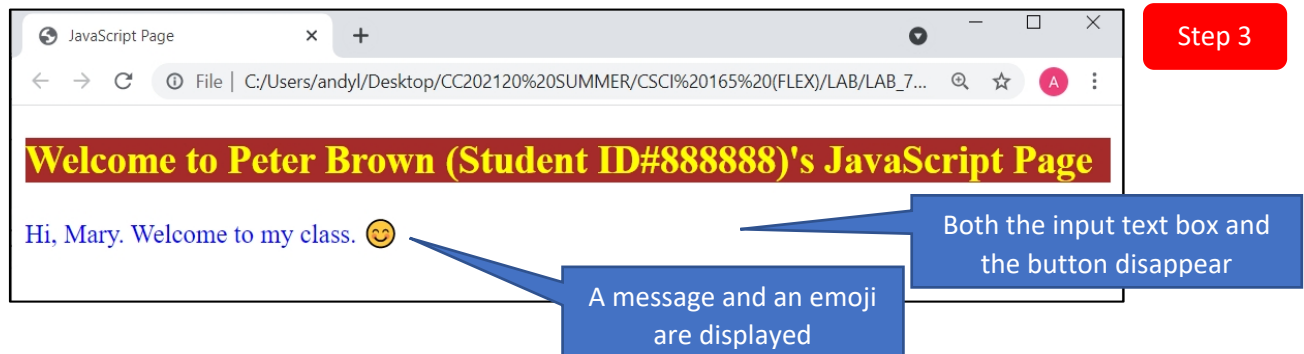
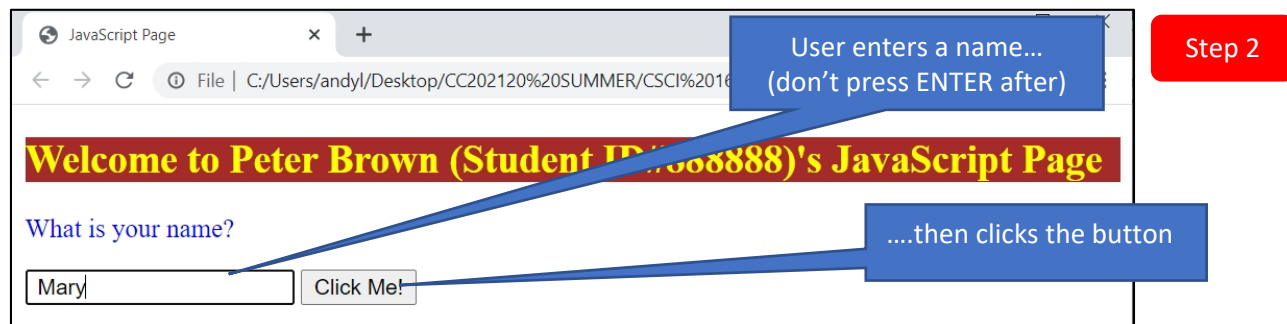
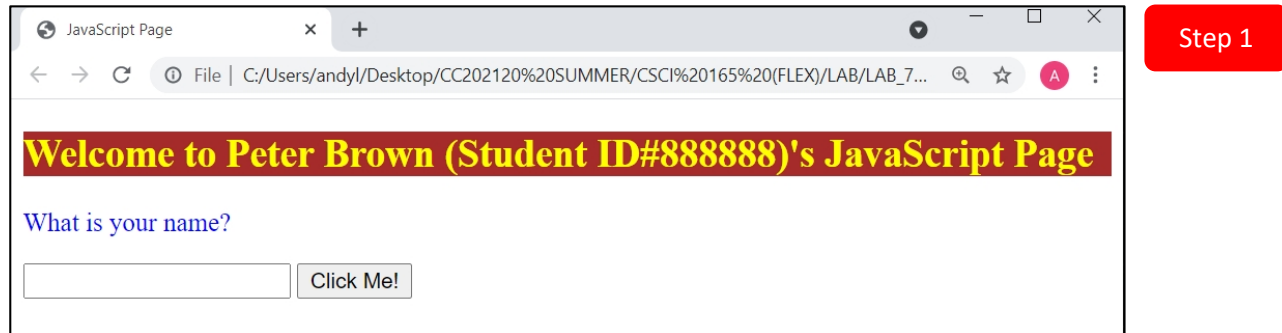
Step 1: Download the work file

Download the **index.html** from the course website. In this lab, you only need to modify **index.html**.

Note: Since there is only one file, you don't have to zip it when submitting your work. Don't change the file name of "index.html".

Step 2: Look at the following sample scenario

Look at the following scenario to have an idea of the logic of the JavaScript (embedded in a Web page).



Step 3: Create the index.html page that embeds a JavaScript function.

The following sample code is given:

- Replace [Your First and Last name] [Student ID] with your information. (line#5 and line#28)
- Use an emoji that is different from the one showing in Step 2. (line#20) (emoji code is on last page)

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <!-- Lab#7 -->
5   <!-- My First JavaScript - by Peter Brown (Student#888888) -->
6   <title>JavaScript Page</title>
7   <style>
8     h2 {
9       background-color: brown;
10      color: yellow;
11    }
12    p {
13      color: blue;
14    }
15  </style>
16  <script>
17    function myFunction() {
18      var name = document.getElementById("userName").value;
19      document.getElementById("displayMsg").innerHTML =
20        "Hi, " + name + ". Welcome to my class. " + String.fromCharCode(0x1F60A);
21      document.getElementById("userName").style.visibility = "hidden";
22      document.getElementById("myButton").style.visibility = "hidden";
23    }
24  </script>
25 </head>
26
27 <body>
28   <h2>Welcome to Peter Brown (Student ID#888888)'s JavaScript Page</h2>
29   <section>
30     <p id="displayMsg">What is your name?</p>
31     <input id="userName" type="text">
32     <button id="myButton" type="button" onClick="myFunction()">Click Me!</button>
33   </section>
34 </body>
35 </html>
```

Replace it with your first and last name and Student ID

Find the Unicode for your favorite emoji (you MUST use a different code; see next page)

This shaded block contains the function definition.

Replace it with your first and last name and student ID

This is the function call.

Step 5: Save index.html

Step 6: Launch (i.e., Run) index.html on a browser (fix any errors found). Elements on the page should have the same format as shown in step (2).

Step 7: Upload the index.html (DON'T change the file name)

Upload the index.html to the submission link "Lab#7_Desc_Submission" on the course website.

Assessment

The following penalties will be applied when assessing your work. Penalty will also be applied to overall quality of work. (Note: assessment on quality is subject to the decision of the instructor)

Web page/site do not display anything on the browser (i.e., there are error in your code, fix them before submitting you work)	-100% The most common mistake is "spelling error". Since the source code of the program is given, a request of sending your work to instructor before deadline and checking your code will not be accepted. Please use the features provided by the IDE, go through the program line by line, word by word and you can fix the error.
Requirements not fulfilled	Up to -100%; it depends on the % of requirements completed
Incorrect file name(s)	-5% per incorrect name (e.g., index.html.html, index(1).html, etc. are incorrect)
Unorganized code, improper code formatting,	Up to -30% (use Tab key instead of "a number of spaces" to make indentation, i.e., when you need to move a code statement to the right with indentation)

Select your favorite emoji, and display it along with the message in your JavaScript function.
For a full list of Emoji Unicode, visit: <https://apps.timwhitlock.info/emoji/tables/unicode>

Native	Unicode (code for JavaScript)	Description
😊	0X1F601	GRINNING FACE WITH SMILING EYES
😂	0X1F602	FACE WITH TEARS OF JOY
😄	0X1F604	SMILING FACE WITH OPEN MOUTH AND SMILING EYES
😁	0X1F606	SMILING FACE WITH OPEN MOUTH AND TIGHTLY-CLOSED EYES
😊	0X1F60A	SMILING FACE WITH SMILING EYES
😋	0X1F60B	FACE SAVOURING DELICIOUS FOOD
🚀	0X1F680	ROCKET
🚌	0X1F68C	BUS
🚑	0X1F691	AMBULANCE
🚓	0X1F693	POLICE CAR
🚕	0X1F695	TAXI
🚢	0X1F6A2	SHIP
🚤	0X1F6A4	SPEEDBOAT
🚦	0X1F6A5	HORIZONTAL TRAFFIC LIGHT
🚭	0X1F6AD	NO SMOKING SYMBOL
🚲	0X1F6B2	BICYCLE
🚶	0X1F6B6	PEDESTRIAN
👶	0X1F6BC	BABY SYMBOL

This emoji has been used in the example. Use another emoji in your lab or there will be a penalty of using the same emoji