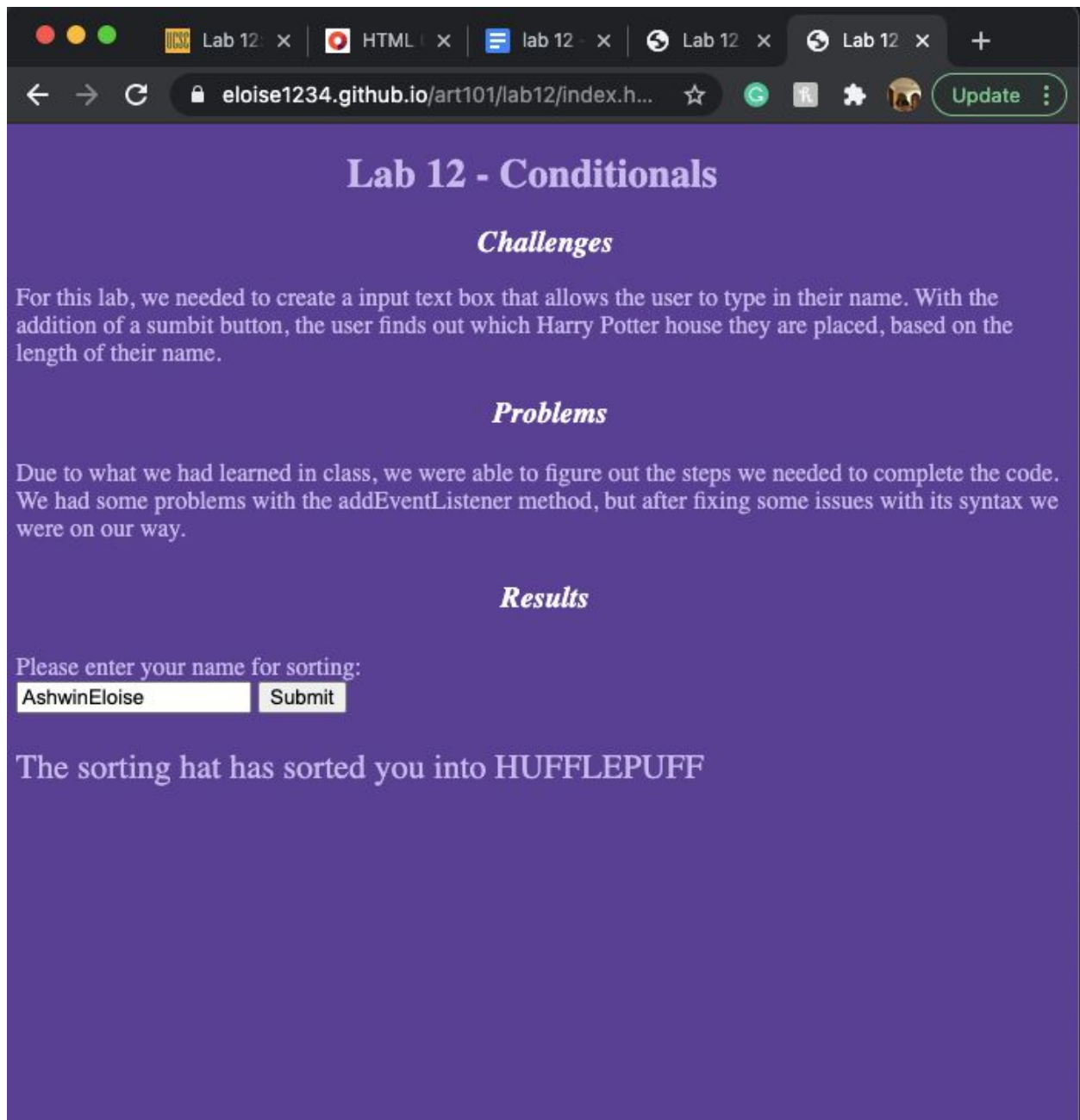


Eloise Shevin
Ashwin Gupta
Section C
LAB 12
2/22/2021

```
index.html — lab12  lab.js — lab15/js  index.html — lab14
1  /**
2   * @author: Ashwin Gupta and Ashwin Gupta
3   * Created: 2.22.2021
4   * License: Public Domain
5   */
6
7
8  function sortingHat(str) {
9      len= str.length;
10     mod= len % 4;
11     if (mod==0){
12         return "HUFFLEPUFF"
13     }
14     else if (mod==1){
15         return "RAVENCLAW"
16     }
17     else if (mod==2){
18         return "SLYTHERIN"
19     }
20     else if (mod==3){
21         return "GRYFFINDOR"
22     }
23 }
24
25 var myButton = document.getElementById('button');
26 myButton.addEventListener("click", function() {
27     console.log("Submitted");
28     var username = document.getElementById('input').value;
29     var house = sortingHat(username);
30     newText="<p> The sorting hat has sorted you into " + house + "</p>";
31     document.getElementById("output").innerHTML=newText;
32 })
33
```

Task 2: Javascript code



Task 3: Lab 12 on Github

Lab on Github:

<https://eloise1234.github.io/art101/lab12/index.html>

Summary of efforts:

Starting lab 12 was quite simple, as we are now fully familiar with HTML and CSS. For this lab's CSS, we wanted to play on purple (spooky Harry Potter theme) and make the font really stand out by making it lighter than the background color. We really enjoyed the look of it as we thought the theme added a little pizzaz to our lab. It looks quite simple, yet we wanted to take a minimalistic approach towards it. The lab itself was quite simple to comprehend, especially after our in-class demonstration. We found that we were able to quickly finish the lab, yet ran into some difficulties when it came to the `addEventListener` that we are still getting used to. We were able to publish the page on Github. Though we encountered some difficulties with this lab, we were able to put our minds together and work through it as a team.