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Section C
LAB 13
2/24/2021

```html
<!DOCTYPE html>
<!DOCTYPE html>
<html>
<head>
  <title>Lab 13 - Loops</title>
  <link rel="stylesheet" type="text/css" href="../css/site.css">
  <link rel="stylesheet" type="text/css" href="css/lab.css">
  <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script
      <script src="js/lab.js" defer></script>
</head>
<body>
  <h1> Lab 13 - Loops</h1>

  <div id="challenge">
  <h2> Challenges </h2>
    <p> For this lab, we needed to create a a loop which replaces th
  </div>

  <div id="problems">
    <h3> Problems </h3>
      <p> Due to what we had learned in class, we were able to figur
  </div>

  <div id="results">
    <h4> Results </h4>

<div id="output"></div>
</div>
      </div>
</body>
</html>
```
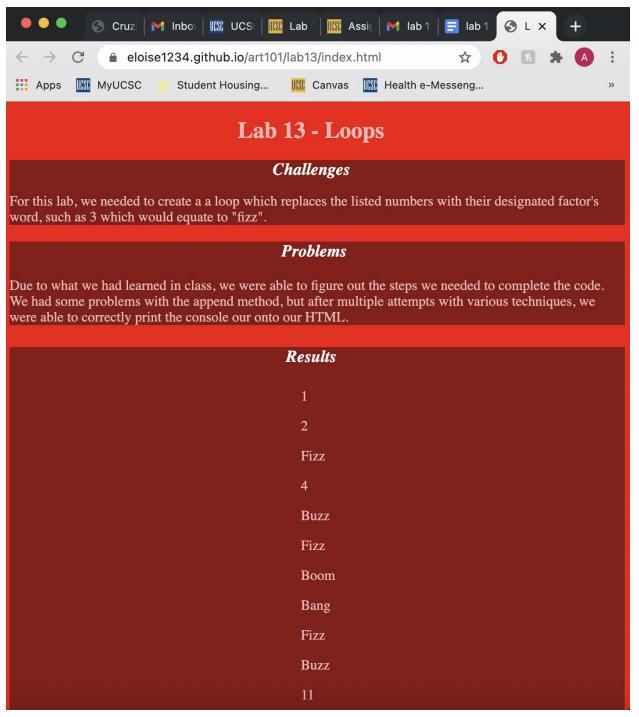
Task 1: HTML code

```javascript
for (i=num; i<=200; i++) {
  var str= "";
  if (i%3 == 0) {
    str+= "Fizz";
  }
  if (i%5 == 0) {
    str+= "Buzz";
  }
  if (i%7 == 0) {
    str+= "Boom";
  }
  if (i%8 == 0){
    str+= "Bang";
  }
  if (str == "") {str=i;}
  console.log(str)
  $("#output").append("<p>" + str + "</p>");
}
```

Task 2: Javascript code

Task 3: Lab 13 on Github

Lab 13 - Loops

Challenges

For this lab, we needed to create a a loop which replaces the listed numbers with their designated factor's word, such as 3 which would equate to "fizz".

Problems

Due to what we had learned in class, we were able to figure out the steps we needed to complete the code. We had some problems with the append method, but after multiple attempts with various techniques, we were able to correctly print the console our onto our HTML.

Results

1

2

Fizz

4

Buzz

Fizz

Boom

Bang

Fizz

Buzz

11

Lab on Github:
https://eloise1234.github.io/art101/lab13/index.html

Bonus:
  1. Visit the website to see attempts

```
if (i%8 == 0){
    str+= "Bang";
}
```

Summary of efforts:

Starting lab 13 was quite simple, as we are now fully familiar with HTML and CSS. For this lab's CSS, we wanted to play on red and make the font really stand out by making it lighter than the background color and the borders. We really enjoyed the look of it as we thought the theme added a little pizzazz 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 printing out the for loop into our HTML. We were finally 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.