

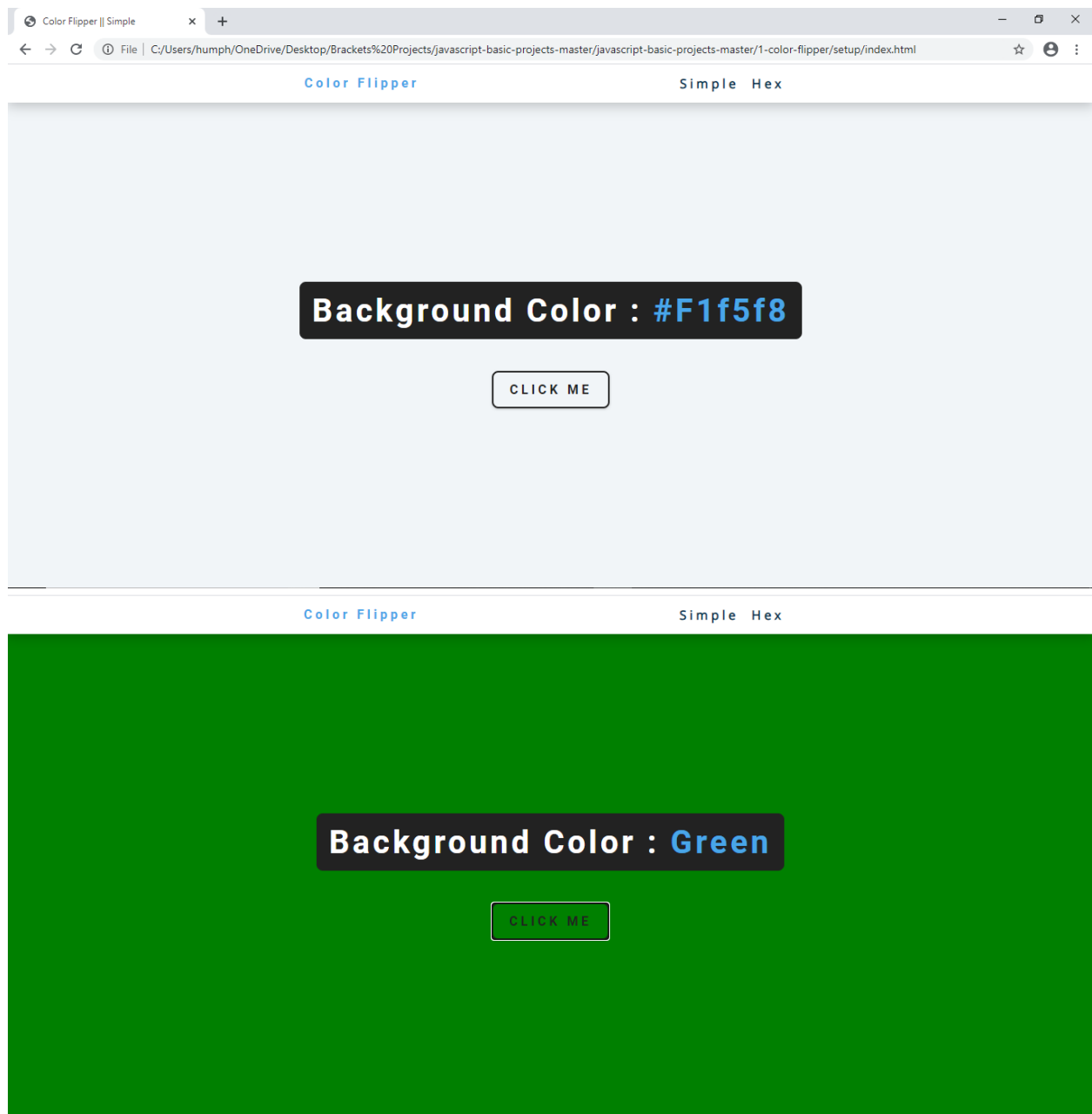
Alex Humphries

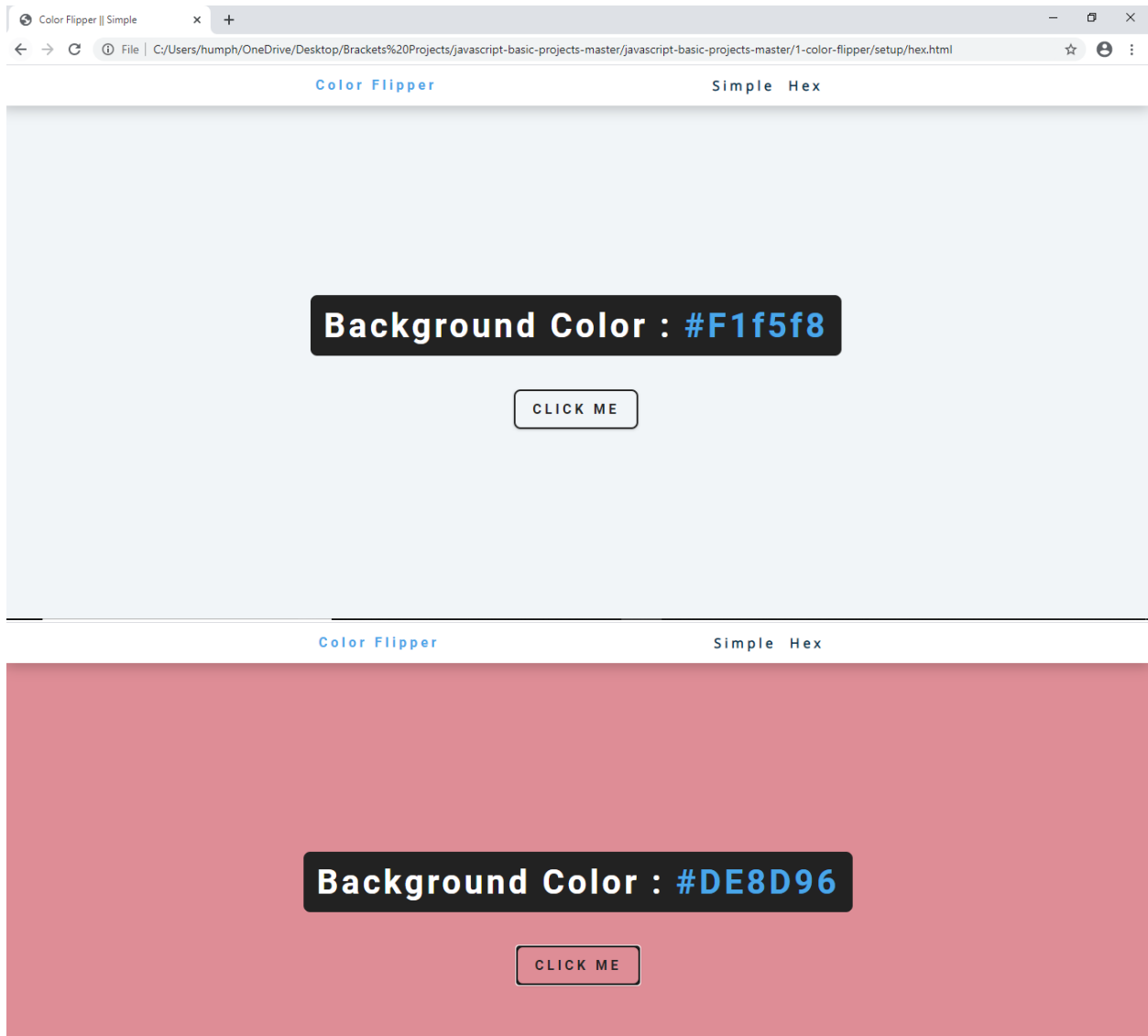
6/17/2020

CIS & 215

Color Picker Project

Results:





Code:

Simple:

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6      <title>Color Flipper || Simple</title>
7      <!-- styles -->
8      <link rel="stylesheet" href="styles.css" />
9  </head>
10 <body>
11 <nav>
12 <div class="nav-center">
13     <h4>color flipper</h4>
14     <ul class="nav-links">
15 <li>
16     <a href="index.html">simple</a>
17 </li>
18 <li>
19     <a href="hex.html">hex</a>
20 </li>
21 </ul>
22 </div>
23 </nav>
24 <main>
25 <div class="container">
26 <h2>background color : <span class="color">
27     #f1f5f8
28 </span></h2>
29 <button class="btn btn-hero" id="btn">click me</button>
30 </div>
31 </main>
32 <!-- javascript -->
33 <script src="app.js"></script>
34 </body>
35 </html>
36

```

```

1  const colors = ["green", "red", "rgba(133,122,200)", "#f15025"];
2  const btn = document.getElementById("btn");
3  const color = document.querySelector(".color");
4
5  btn.addEventListener('click', function(){
6  // get random number between 0 - 3
7      const randomNumber = getRandomNumber();
8      console.log(randomNumber);
9
10
11      document.body.style.backgroundColor = colors[randomNumber];
12      color.textContent = colors[randomNumber];
13  });
14
15  function getRandomNumber(){
16      return Math.floor(Math.random() * colors.length);
17  }

```

Hex:

```
1 |<!DOCTYPE html>
2 ▼ <html lang="en">
3 ▼   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6 ▼   <title>
7     Color Flipper || Simple
8   </title>
9   <!-- styles -->
10  <link rel="stylesheet" href="styles.css" />
11 </head>
12
13 ▼ <body>
14 ▼   <nav>
15 ▼     <div class="nav-center">
16       <h4>color flipper</h4>
17 ▼     <ul class="nav-links">
18       <li><a href="index.html">simple</a></li>
19       <li><a href="hex.html">hex</a></li>
20     </ul>
21   </div>
22 </nav>
23 ▼ <main>
24 ▼   <div class="container">
25     <h2>background color : <span class="color">#f1f5f8</span></h2>
26     <button class="btn btn-hero" id="btn">click me</button>
27   </div>
28 </main>
29 <!-- javascript -->
30 <script src="hex.js"></script>
31 </body>
32 </html>
```

```
1  const hex = [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, "A", "B", "C", "D", "E", "F"];
2  // #f15025
3  const btn = document.getElementById("btn");
4  const color = document.querySelector(".color");
5
6 ▼ btn.addEventListener('click', function(){
7   let hexColor = '#';
8 ▼   for(let i = 0; i < 6; i++){
9     hexColor += hex[getRandomNumber()];
10   }
11   color.textContent = hexColor;
12   document.body.style.backgroundColor = hexColor;
13 }
14
15 ▼ function getRandomNumber(){
16   return Math.floor(Math.random() * hex.length)
17 }
```