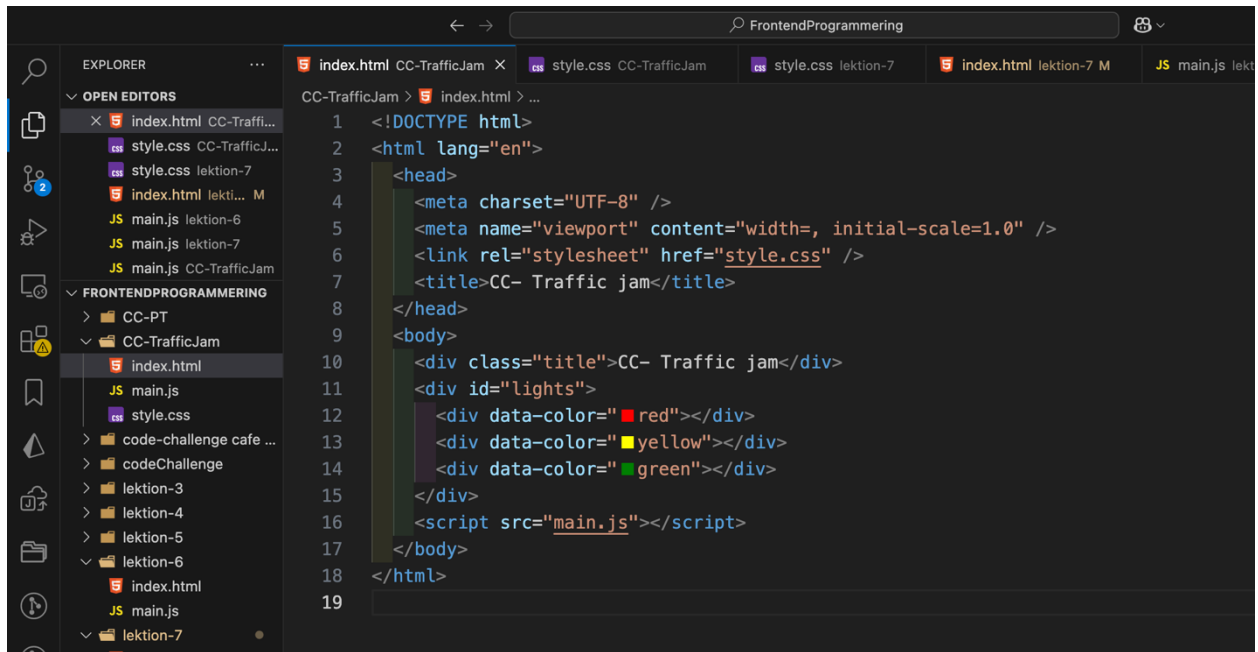
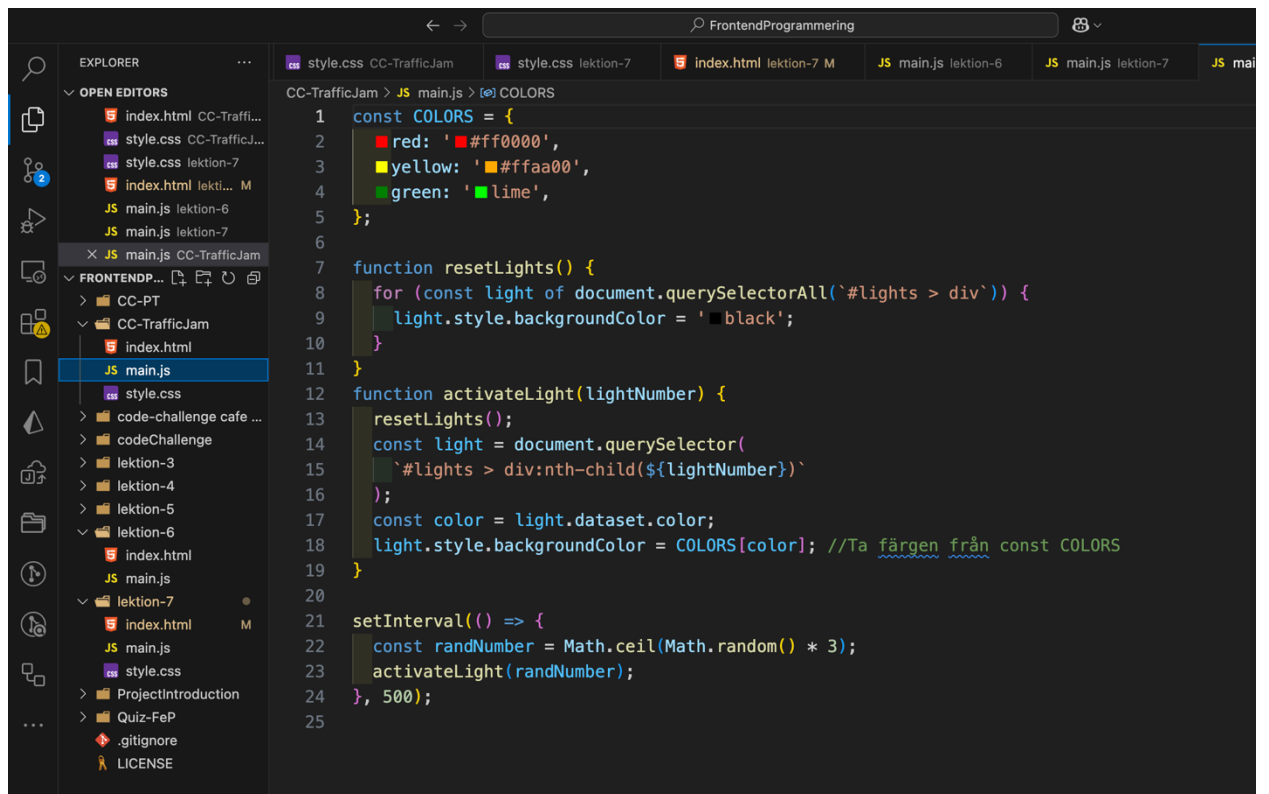


CC-Traffic Jam



This screenshot shows the Visual Studio Code editor with the 'index.html' file open in the 'CC-TrafficJam' project. The Explorer sidebar on the left shows the project structure, including 'index.html', 'style.css', and 'main.js'. The main editor area displays the following HTML code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=, initial-scale=1.0" />
6     <link rel="stylesheet" href="style.css" />
7     <title>CC- Traffic jam</title>
8   </head>
9   <body>
10    <div class="title">CC- Traffic jam</div>
11    <div id="lights">
12      <div data-color="red"></div>
13      <div data-color="yellow"></div>
14      <div data-color="green"></div>
15    </div>
16    <script src="main.js"></script>
17  </body>
18 </html>
19
```



This screenshot shows the Visual Studio Code editor with the 'main.js' file open in the 'CC-TrafficJam' project. The Explorer sidebar on the left shows the project structure, including 'index.html', 'style.css', and 'main.js'. The main editor area displays the following JavaScript code:

```
1 const COLORS = {
2   red: '#ff0000',
3   yellow: '#ffaa00',
4   green: '#00ff00',
5 };
6
7 function resetLights() {
8   for (const light of document.querySelectorAll('#lights > div')) {
9     light.style.backgroundColor = 'black';
10  }
11 }
12
13 function activateLight(lightNumber) {
14   resetLights();
15   const light = document.querySelector(
16     `#lights > div:nth-child(${lightNumber})`
17   );
18   const color = light.dataset.color;
19   light.style.backgroundColor = COLORS[color]; //Ta färgen från const COLORS
20 }
21
22 setInterval(() => {
23   const randomNumber = Math.ceil(Math.random() * 3);
24   activateLight(randomNumber);
25 }, 500);
```

