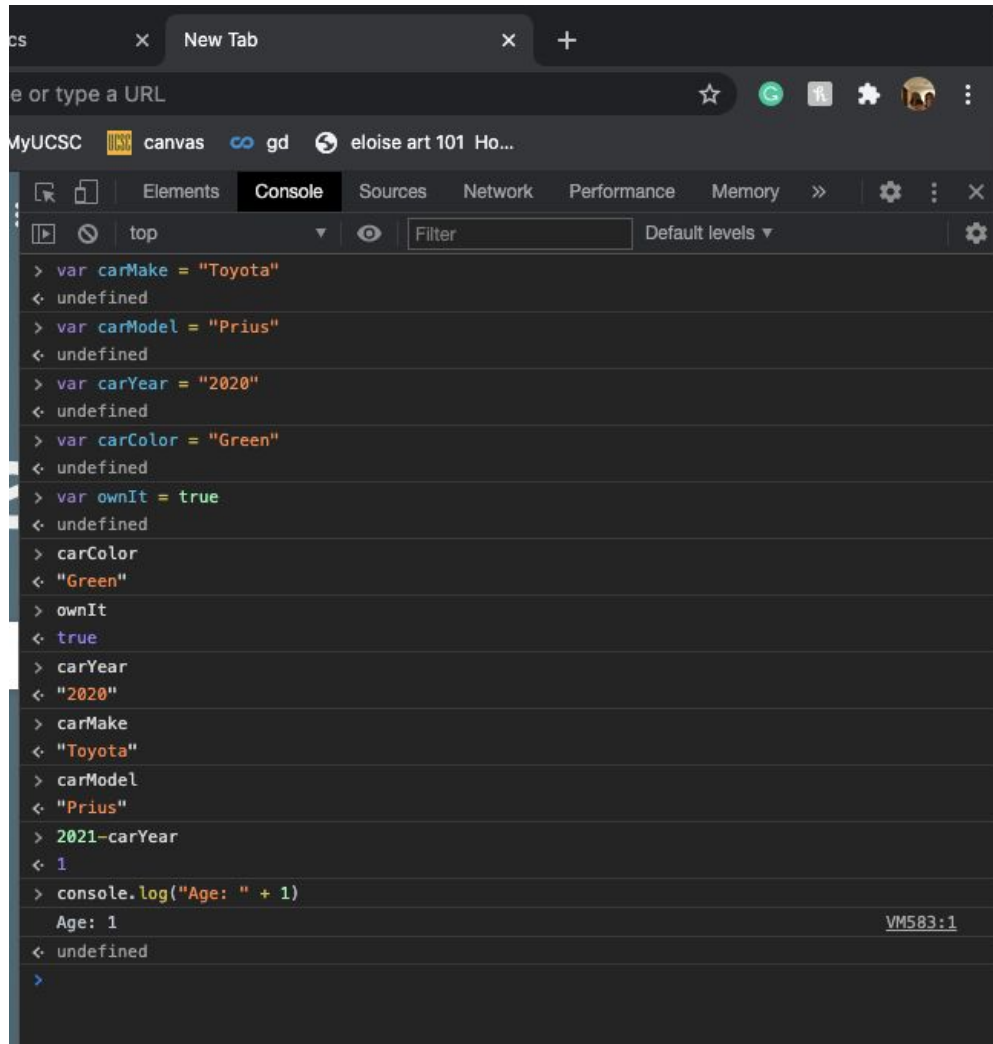


Eloise Shevin
Ashwin Gupta
Section C
LAB 5
1/27/2021



The screenshot shows a web browser with a dark theme. The address bar contains the text "e or type a URL". The page title is "MyUCSC". The browser's developer tools are open, with the "Console" tab selected. The console shows the following JavaScript code and its output:

```
> var carMake = "Toyota"
< undefined
> var carModel = "Prius"
< undefined
> var carYear = "2020"
< undefined
> var carColor = "Green"
< undefined
> var ownIt = true
< undefined
> carColor
< "Green"
> ownIt
< true
> carYear
< "2020"
> carMake
< "Toyota"
> carModel
< "Prius"
> 2021-carYear
< 1
> console.log("Age: " + 1)
Age: 1
< undefined
>
```

The output for the last line, `console.log("Age: " + 1)`, is `Age: 1`, which is displayed in the console. The source of the code is identified as `VM583:1`.

Task 1: JavaScript variables in the console

```
1  /*
2   * Author: Ashwin Gupta and Eloise Shevin
3   * Created: Jan 27, 2021
4   * License: Public Domain
5  */
6
7  // Define Variable
8  var make="Toyota";
9  var model="Prius";
10 var color="Green";
11 var year=2020;
12 var ownIt=true;
13 var age=2021-year;
14
15
16 // Output
17 document.writeln("Make: "+make+"<br>");
18 document.writeln("Model: "+model+"<br>");
19 document.writeln("Color: "+color+"<br>");
20 document.writeln("Year: "+year+"<br>");
21 document.writeln("Ownership: "+ownIt+"<br>");
22 document.writeln("Age: "+age+" years<br>");
23 |
```

Task 2: JS code

```

1 DOCTYPE html>
2 tml>
3 ead>
4 <title>Lab 5 - Data Types and Variables</title>
5 <link rel="stylesheet" type="text/css" href="../css/site.css">
6 <link rel="stylesheet" type="text/css" href="css/lab.css">
7 head>
8 ody>

9 1> Lab 5 - Data Types and Variables</h1>

10 iv id="challenge">
11 2> Challenges </h2>
12 <p> This lab was relatively simple and easy to follow. There weren't any significant challenges and we were able to
13 div>

14 iv id="problems">
15 <h3> Problems </h3>
16 <p> There were no significant problems that we faced, as we were able to quickly complete the js portion of the la
17 div>

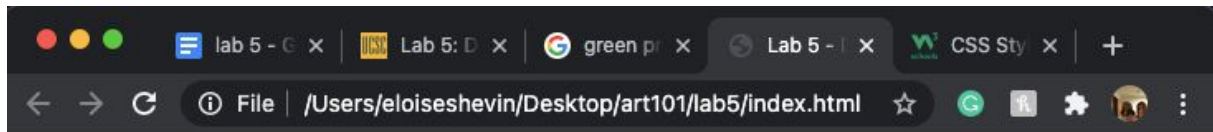
18 iv id="results">
19 <h4> Results </h4>
20 <p> Here is the program execution for our Lab: </p>

21 iv id="script">
22 <h5>Script Output</h5>
23 iv class=output>
24 <script type="text/javascript" src="js/lab.js"></script>
25 
26 div>

27 div>

```

Task 3: HTML code



Lab 5 - Data Types and Variables

Challenges

This lab was relatively simple and easy to follow. There weren't any significant challenges and we were able to quickly follow the instructions

Problems

There were no significant problems that we faced, as we were able to quickly complete the js portion of the lab

Results

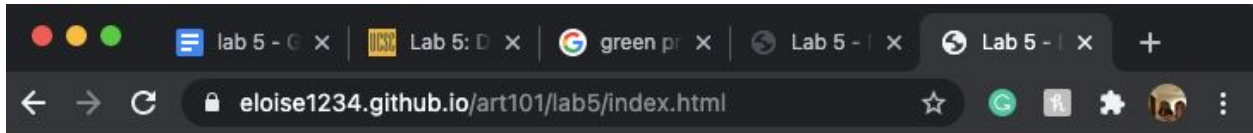
Here is the program execution for our Lab:

Script Output

Make: Toyota
Model: Prius
Color: Green
Year: 2020
Ownership: true
Age: 1 years



Task 3: Lab 5 uploaded locally



Lab 5 - Data Types and Variables

Challenges

This lab was relatively simple and easy to follow. There weren't any significant challenges and we were able to quickly follow the instructions

Problems

There were no significant problems that we faced, as we were able to quickly complete the js portion of the lab

Results

Here is the program execution for our Lab:

Script Output

Make: Toyota
Model: Prius
Color: Green
Year: 2020
Ownership: true
Age: 1 years



Task 4: Lab 5 uploaded on GitHub

Summary of efforts:

This lab was very easy, as we were able to utilize new and old skills to produce our lab. With practice, we found that CSS and HTML are becoming easier to grasp and execute. Since this was our first time coding in javascript, we were a bit apprehensive yet managed to figure everything out quickly.