

Pichy Jumholwong & Zac Nakamura

Lab 6

4/26/22

Task 1: JavaScript Arrays and Objects



```
> myTransport = ["Loop", "Metro", "Bike", "Friend's Cars", "Skateboard", "Golf Cart"];
< ▶ (6) ['Loop', 'Metro', 'Bike', 'Friend's Cars', 'Skateboard', 'Golf Cart']

> myMainRide = {
  make: "Volkswagen",
  model: "Beetle",
  color: "Teal",
  year: "1960",
  age: function() {
    return 2019 - age;
  }
}
< ▶ {make: 'Volkswagen', model: 'Beetle', color: 'Teal', year: '1960', age: f}

> myTransport[0]
< 'Loop'

> myTransport[1]
< 'Metro'

> myTransport[2]
< 'Bike'

> myTransport[3]
< "Friend's Cars"

> myTransport[4]
< 'Skateboard'

> myTransport[5]
< 'Golf Cart'

> myTransport[6]
< undefined

> myMainRide.make
< 'Volkswagen'

> myMainRide.model
< 'Beetle'

> myMainRide.age
< f () {
  return 2019 - age;
}

> console.log("We Tokyo drifting around in: ", myTransport);
We Tokyo drifting around in: VM1684:1
  ▶ (6) ['Loop', 'Metro', 'Bike', 'Friend's Cars', 'Skateboard', 'Golf Cart']
< undefined

> console.log("Throwing it back in the: ", myMainRide);
Throwing it back in the: VM1924:1
  ▶ {make: 'Volkswagen', model: 'Beetle', color: 'Teal', year: '1960', age: f}
```

Screenshot of our console

Task 2: A JavaScript Program

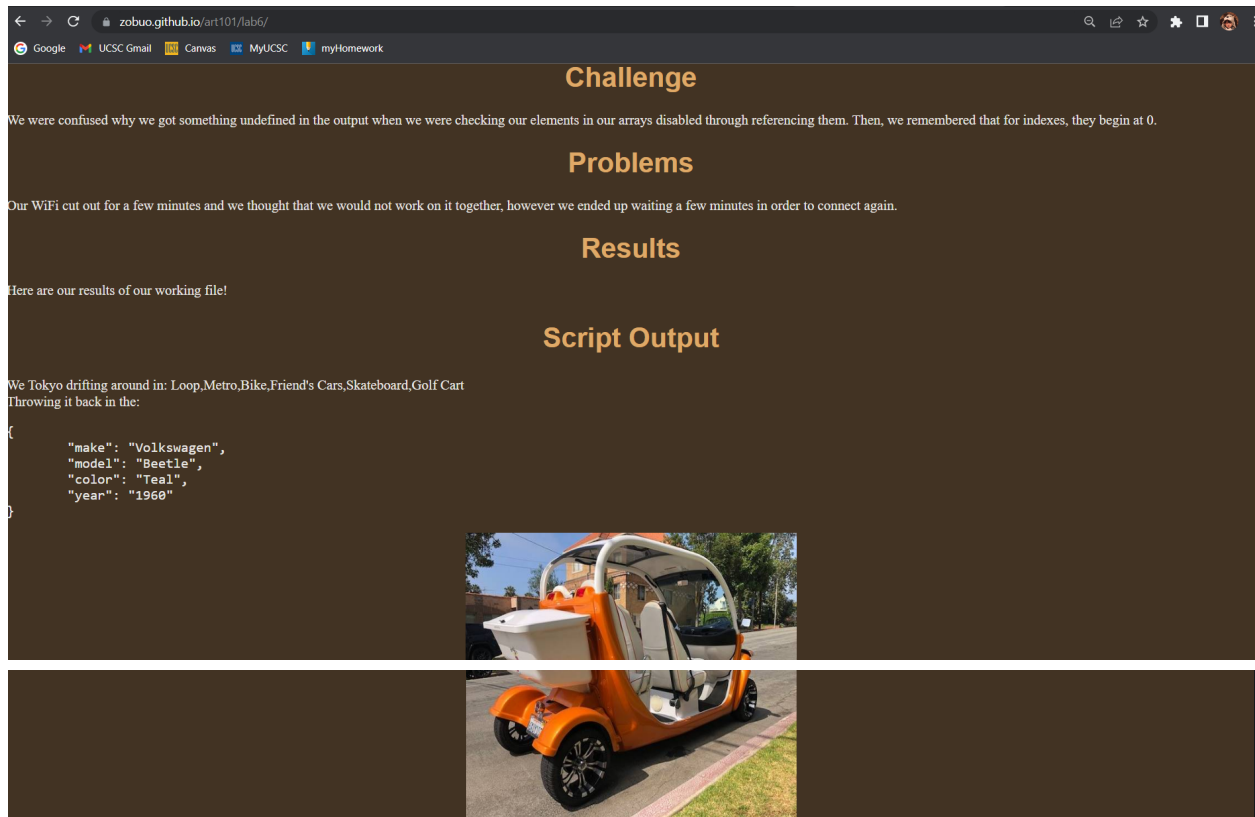
```
1 // Authors: Pichy Jumholwong and Zac Nakamura
2 // Created: 24 April 2022
3 // License: Public Domain
4
5 //Declaring array
6 myTransport = ["Loop", "Metro", "Bike", "Friend's Cars", "Skateboard", "Golf Cart"];
7
8 //Declaring object for data
9 myMainRide = {
10     make: "Volkswagen",
11     model: "Beetle",
12     color: "Teal",
13     year: "1960",
14     age: function() {
15         return 2019 - age;
16     }
17 }
18
19 //output
20 document.writeln("We Tokyo drifting around in:", myTransport, "<br>");
21
22 document.writeln("Throwing it back in the: <pre>", JSON.stringify(myMainRide, null, '\t'), "</pre>");
23
```

Screenshot of our JavaScript file in Atom

Task 3: Create an index.html for Lab 6

```
1 <!DOCTYPE html>
2 </html>
3 <html>
4 <head>
5 <title>Lab 6 - Arrays and Objects</title>
6 <link rel="stylesheet" type="text/css" href="../css/site.css">
7 <link rel="stylesheet" type="text/css" href="css/lab.css">
8 </head>
9 <body>
10 <h1>Challenge</h1>
11 <p>We were confused why we got something undefined in the output when we were checking our elements in our arrays disabled
12 through referencing them. Then, we remembered that for indexes, they begin at 0.</p>
13 <h1>Problems</h1>
14 <p>Our Wifi cut out for a few minutes and we thought that we would not work on it together, however we ended up waiting a
15 few minutes in order to connect again.</p>
16 <h1>Results</h1>
17 <p>Here are our results of our working file!</p>
18 <div>
19 <h2>Script Output</h2>
20 <script src="js/lab.js"></script>
21 </div>
22
23 
24
25 </body>
26 </html>
27
```

Screenshot of our Atom source code



Screenshot of our final published Lab 6 page

Self-Evaluation Rubric:

Self Evaluation Rubric (Pichy Jumpholwong and Zac Nakamura)						
<u>Did you complete the assignment and did you complete it on time?</u>	<u>Submitted on time</u>	<u>Up to 1 day late</u>	<u>Up to 2 days late</u>	<u>Up to 3 days late</u>	<u>4 days late or more</u>	<u>Do you need to clarify?</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>Did you collaborate with a partner?</u>	<u>Worked with partner</u>			<u>Worked alone</u>		<u>Do you need to clarify?</u>
	<input checked="" type="checkbox"/>			<input type="checkbox"/>		
<u>Did you put in earnest effort and provide an articulate summary of your experience?</u>	<u>Excellent</u>	<u>Pretty good</u>	<u>About average</u>	<u>Could be improved</u>	<u>Not this time</u>	<u>What supports this?</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>Was the assignment complete, with minimal errors, correct output, and good style?</u>	<u>Excellent</u>	<u>Pretty good</u>	<u>About average</u>	<u>Could be improved</u>	<u>Not this time</u>	<u>What supports this?</u>

	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<u>How much EXTRA effort did you put into the assignment?</u>	<u>A lot of extra effort</u>		<u>Some extra effort</u>		<u>Not this time</u>	<u>What supports this?</u>
	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<p><u>Summary of your evaluation/efforts:</u></p> <p>Although similar to the previous lab, we decided to put in extra effort by changing the CSS of our webpage so that it pertained to our new image and had colors we enjoyed pertaining to this lab. We took the time to look for new colors by looking up new hex color codes and also took the time to brainstorm ideas of transportation we take. We also made sure that we were screen-sharing so that we could see if our web pages matched. We used teletype, however, although it may be the same, small mistakes might have occurred, therefore screen sharing helped with seeing what we each had on our own browser. When referencing elements in our console, we did not resort to printing one element and instead did it for all elements in our list because we wanted to see if everything printed out correctly as it would help us as a reminder to know what should correctly be printed in the output. We also made sure to continuously reload and save our webpage so that we could see it in our browser. At times, certain changes would not show up, and we quickly realized that it was either a grammatical error or we simply did not save. Again, screen sharing and using teletype helped, but also ensuring that we went back to our code and saved it made a huge contribution to the success of this lab.</p>						