

Task 1

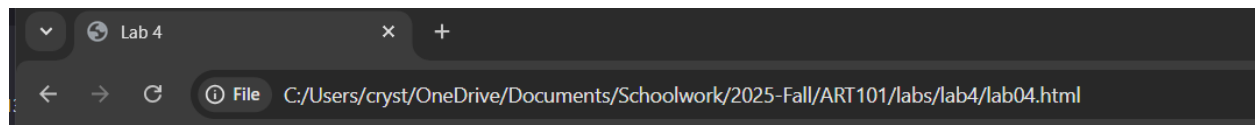
```
> make = "Toyota";  
< 'Toyota'  
> model = "Prius";  
< 'Prius'  
> colour = "Blue";  
< 'Blue'  
> year = 2012;  
< 2012  
> age = 2025 - year;  
< 13  
> make  
< 'Toyota'
```

```
> ownIt = Boolean(true)  
< true  
> make  
< 'Toyota'  
> model  
< 'Prius'  
> colour  
< 'Blue'  
> year  
< 2012  
> age  
< 13  
> ownIt  
< true
```

Task 1 cont.

```
labs > lab4 > lab04.html > html > body > h1
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <!-- All techy stuff goes here, inside HEAD -->
6      <meta charset="UTF-8">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <!-- Overall title of your page -->
9      <title>Lab 4</title>
10     <!-- Link to external CSS file -->
11     <link rel="stylesheet" href="lab04.css">
12     <!-- jQuery library -->
13     <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
14     <!-- Link to external JavaScript file -->
15     <script src="lab04.js" defer></script>
16 </head>
17
18 <body>
19     <!-- Main content goes here, inside BODY -->
20     <h1>Lab 4</h1>
21     <div id="output"></div>
22 </body>
23
24 </html>
```

```
labs > lab4 > JS lab04.js > ...
1  // declaring an array with name myCommutes
2  let myCommutes = ["metro bus", "UCSC taps bus", "personal car"];
3
4  // declaring an object with name myFavouriteCommute
5  let myFavouriteCommute = {
6      type: "Bus",
7      route: 11,
8      print: "Ferns",
9      hasMiddleDoor: true,
10     drivers: ["Old Lady", "Woman with black hair", "Crewcut guy"],
11 };
12
13 let megaSentence;
14
15 megaSentence = "<p>My two top commutes from the array are: " + myCommutes[0] + ", " + myCommutes[2] + "</p>";
16 megaSentence = megaSentence + "<p>My favourite commute possesses such characteristics: type - " + myFavouriteCommute.type + ", route - " + myFavouriteCommute.route + ", print - " + myFavouriteCommute.print + ", hasMiddleDoor - " + myFavouriteCommute.hasMiddleDoor + ", drivers - " + myFavouriteCommute.drivers + "</p>";
17
18 $("#output").html(megaSentence);
```



Lab 4

My two top commutes from the array are: metro bus, personal car

My favourite commute possesses such characteristics: type - Bus, route number 11, the best driver: Woman with black hair

Task 2

environ > env03.html > html > body > p

```
1  <!doctype html>
2  <html xmlns="http://www.w3.org/1999/xhtml" lang="en-EN">
3
4  <head>
5      <!-- All techy stuff goes here, inside HEAD -->
6      <meta charset="UTF-8">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <!-- Overall title of your page -->
9      <title>Natasha's Inner World</title>
10     <!-- Link to external CSS file -->
11     <link href="env03.css" rel="stylesheet" type="text/css" />
12     <!-- jQuery library -->
13     <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
14     <!-- Link to external JavaScript file -->
15     <script src="env03.js" defer></script>
16 </head>
17
18 <body>
19
20     <!-- Introduction -->
21     <!-- <div id="output" class = "output"></div> -->
22     <p>
23         "For years, each night I've fallen asleep, there has been a chance I find myself dr
24         It was a strange, uncanny yet persistent environment that stayed mostly consistent
25         <br><br>
26         "I'd like invite you to join me now, to explore it together."
27     </p>
28
29     <!-- Images -->
30     <div class="flex-container">
31         
32         
33     </div>
34     <div class="flex-container"></div>
35     <div id="outputHank" class="character-introduction"></div>
36     <div id="outputLahdi" class="character-introduction"></div></div>
37 </div>
38
39
40     <!-- Location Context -->
41     <p>
42         "Plenty of strange beings inhabit these lands. They're quite bizarre, forgive the o
43     </p>
44
45
46     <div id="outputLocation" class="location-details"></div>
47     <div id="outputInhabitants" class="location-details"></div>
48
49 </body>
50
```

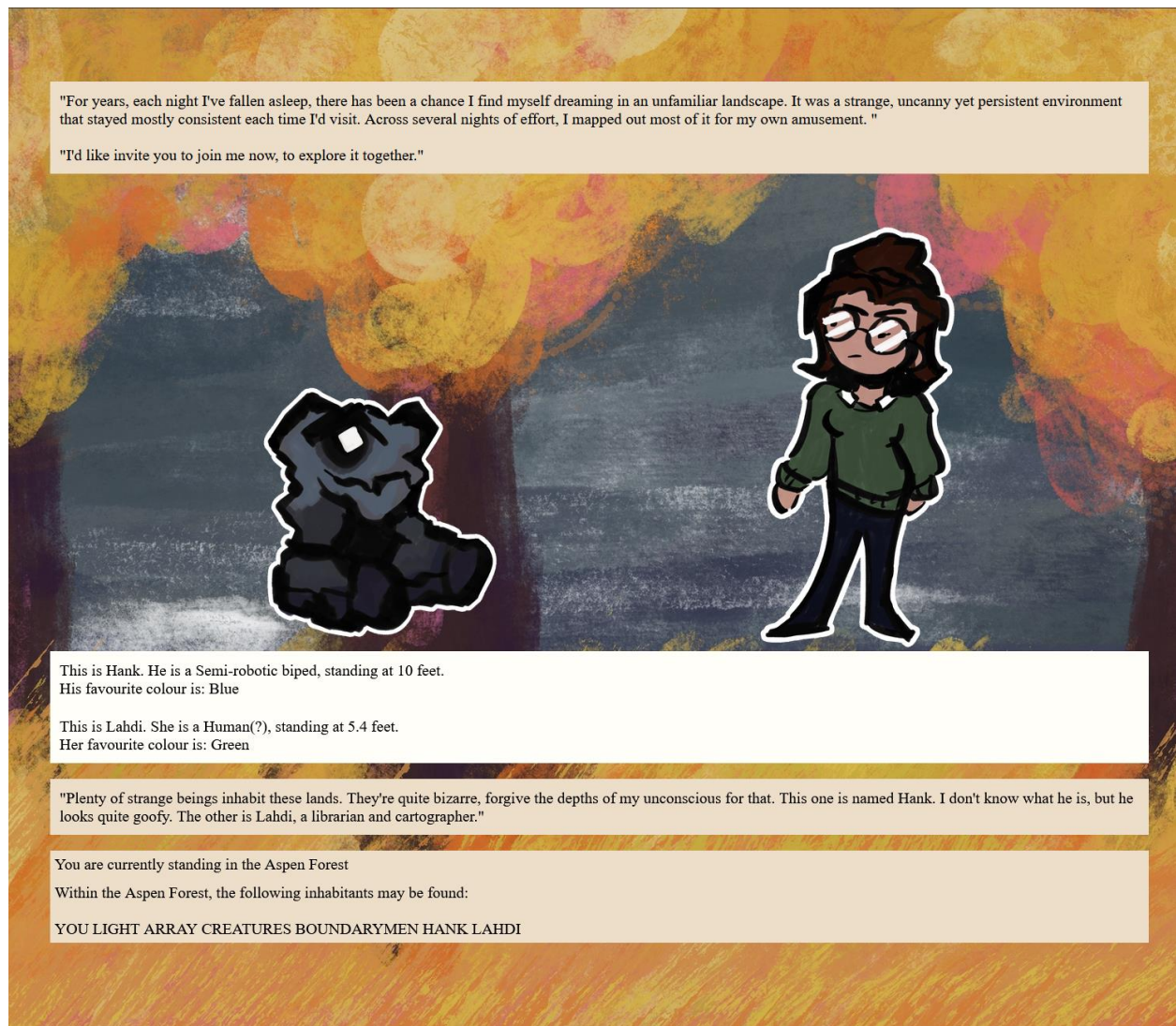
```

environ > JS env03.js > [?] lahdiCharacter
1  // Variable
2  let playerlocation = "the Aspen Forest";
3
4  // Array
5  let inhabitants = ["YOU", "LIGHT ARRAY CREATURES", "BOUNDARYMEN", "HANK", "LAHDI"];
6
7  // Objects
8  let hankCharacter = {
9      name: "Hank",
10     species: "Semi-robotic biped",
11     height: 10,
12     fav_colour: "Blue",
13 };
14
15 let lahdiCharacter = {
16     name: "Lahdi",
17     species: "Human(?)",
18     height: 5.4,
19     fav_colour: "Green",
20 };
21
22 // ---Outputs---
23 // Locations
24 let introductionLocation = "You are currently standing in " + playerlocation;
25
26 $("#outputLocation").append(introductionLocation);
27
28 // Inhabitants
29 let introductionInhabitants = "Within " + playerlocation +
30 " , the following inhabitants may be found: <br><br>";
31 inhabitants.forEach(item => (introductionInhabitants += (item + " , ")))
32 $("#outputInhabitants").html(introductionInhabitants);
33
34 // Hank
35 let introductionHank = "This is " + hankCharacter.name
36 + ". He is a " + hankCharacter.species
37 + ", standing at " + hankCharacter.height + " feet. <br>"
38 + "His favourite colour is: " + hankCharacter.fav_colour;
39
40 $("#outputHank").html(introductionHank);
41
42 // Lahdi
43 let introductionLahdi = "This is " + lahdiCharacter.name
44 + ". She is a " + lahdiCharacter.species
45 + ", standing at " + lahdiCharacter.height + " feet. <br>"
46 + "Her favourite colour is: " + lahdiCharacter.fav_colour;
47
48 $("#outputLahdi").html(introductionLahdi);
49

```

environ > # env03.css > #grass

```
1 BODY {
2     background: #f5e4a1;
3     padding: 50px;
4     background-image: url('../images/img_env01_bg.png');
5     background-size: cover;
6     background-attachment: fixed;
7     background-repeat: no-repeat;
8 }
9
10 p {
11     background-color: #eddeca;
12     padding: 10px;
13     border: 4px;
14     border-color: #bc8a1d;
15 }
16
17 #hank {
18     width: 300px;
19 }
20
21 #lahdi {
22     width: 250px;
23 }
24
25 #grass {
26     width: 1000px;
27     margin: 0px;
28 }
29
30 .flex-container {
31     display: flex;
32     flex-direction : row;
33     justify-content: space-evenly;
34     flex-wrap: nowrap;
35     align-items: flex-end;
36 }
37
38 .character-introduction {
39     background-color: #fffff9;
40     padding: 10px;
41     border: 4px;
42     border-color: #bc8a1d;
43 }
44
45 .location-details {
46     background-color: #edd4ca;
47     padding: 10px;
48     border: 4px;
49     border-color: #bc8a1d;
50 }
```



Task 3

<https://natashamakani.github.io/ART101New/>

Task 4

Task 1 compare + contrast:

In comparison with the lecture, we define our variables in the same line of code as we create them, compared to a 'let catName;' line followed by 'catName=" Lazy ". I opt for 'let catName = " Lazy " style instead.

Both the lecture and the lab define objects, arrays, and perform string conjugations.

Task 1 overview:

I had no challenges. It was incredibly straightforward for me, actually!

Task 2 process:

Task 2 was a struggle for me, and that's why this lab is late. I was sick all weekend (flu vaccine reaction) and really struggled to make my html file even acknowledge the presence of the .js file, despite everything theoretically working fine. I cross-referenced with the follow-along, prior examples, everything... and I was stumped for the longest time.

Luna and I talked it over, exchanged code, and she's equally confused as to my issue. This is the first time I'm waving the white flag of surrender; It *should* work.

Collaboration:

We had scheduling conflicts (and illness) during our usual get-together time, so this week's collaboration portion was a bit scuffed. Most of our communication happened when we sat together on Tuesday evening.