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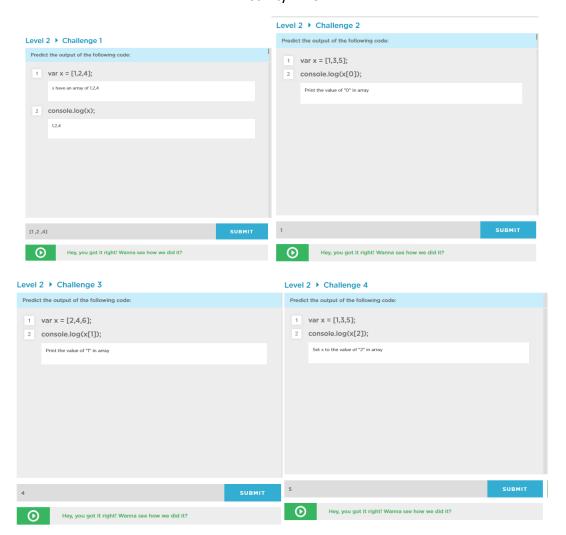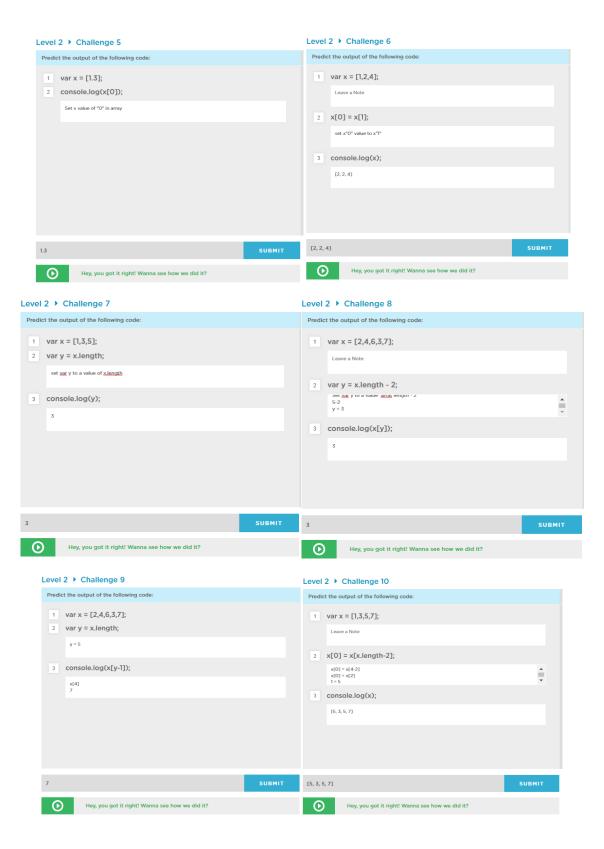
Coding DOJO Observation

Level 2

Activity 1-13

Level 2 ▸ Challenge 1

Predict the output of the following code:

```
1   var x = [1,2,4];
```
x have an array of 1,2,4

```
2   console.log(x);
```
1,2,4

[1 ,2 ,4]   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 2

Predict the output of the following code:

```
1   var x = [1,3,5];
2   console.log(x[0]);
```
Print the value of "0" in array

1   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 3

Predict the output of the following code:

```
1   var x = [2,4,6];
2   console.log(x[1]);
```
Print the value of "1" in array

4   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 4

Predict the output of the following code:

```
1   var x = [1,3,5];
2   console.log(x[2]);
```
Set x to the value of "2" in array

5   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 5

```
1  var x = [1.3];
2  console.log(x[0]);
```

Set x value of "0" in array

1.3   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 6

```
1  var x = [1,2,4];
```

Leave a Note

```
2  x[0] = x[1];
```

set x"0" value to x"1"

```
3  console.log(x);
```

[2, 2, 4]

[2, 2, 4]   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 7

```
1  var x = [1,3,5];
2  var y = x.length;
```

set var y to a value of x.length

```
3  console.log(y);
```

3

3   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 8

```
1  var x = [2,4,6,3,7];
```

Leave a Note

```
2  var y = x.length - 2;
```

set var y to a value array length - 2
5-2
y = 3

```
3  console.log(x[y]);
```

3

3   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 9

```
1  var x = [2,4,6,3,7];
2  var y = x.length;
```

y = 5

```
3  console.log(x[y-1]);
```

x[4]
7

7   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 10

```
1  var x = [1,3,5,7];
```

Leave a Note

```
2  x[0] = x[x.length-2];
```

x[0] = x[4-2]
x[0] = x[2]
1 = 5

```
3  console.log(x);
```

[5, 3, 5, 7]

[5, 3, 5, 7]   **SUBMIT**

▶ Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 11

```
1    var x = [1,3,5,7];
2    x[x.length-3] = x[x.length/2+x.length/4];
     x[1] = x[2+1]
     x[1] = x[3]
     3 = 7
3    console.log(x);
     [1, 7, 5, 7]
```

[1, 7, 5, 7]   **SUBMIT**

Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 12

```
1    var x = [1,3,5,7];
2    var y = [2,4,6];
3    x[2] = y[x.length-3];
     5 = y[1]
     5 = 4
4    console.log(x);
     [1, 3, 4, 7]
```

[1, 3, 4, 7]   **SUBMIT**

Hey, you got it right! Wanna see how we did it?

Level 2 ▸ Challenge 13

```
1    var x = [1,3,5,7];
2    var y = [2,4,6];
3    x[2] = y[x.length-3] + x[ x[0] + y[0] ];
     5= y[1]+x[3]
     5 = 4+7
     5= 11
4    console.log(x);
     [1, 3, 11, 7]
```

[1, 3, 11, 7]   **SUBMIT**

Hey, you got it right! Wanna see how we did it?