

Lessons 8%

Introduction

Level 1 (5/5)

Level 2 (9/13)

Activity 1 01:28

Activity 2 07:15

Activity 3 06:36

Activity 4 00:15

Activity 5 01:28

Activity 6 18:57

Activity 7 07:35

Activity 8 19:00

Reset All Levels

Level 2 ▶ Challenge 1

Predict the output of the following code:

```
1 var x = [1,2,4];
2 console.log(x);
```

```
console.log([1,2,4]);
```

[1, 2, 4]

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

T Diagram	
Variable	Values
x	[1, 2, 4]
a,b,c	1,2,3

Lessons 8%

- Introduction
- Level 1 (5/5)
- ☒ Level 2 (9/13)
 - Activity 1 01:28
 - Activity 2 01:05
 - Activity 3 06:36
 - Activity 4 00:15
 - Activity 5 01:28
 - Activity 6 18:57
 - Activity 7 07:35
 - Activity 8 19:00

Reset All Levels

Level 2 ▶ Challenge 2

Predict the output of the following code:

```
1 var x = [1,3,5];
2 console.log(x[0]);
```

```
console.log(1);
```

T Diagram

Variable	Values
x	[1, 3, 5]
a,b,c	1,2,3

1

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

Lessons 9%

Introduction

Level 1 (5/5)

Level 2 (9/13)

Activity 1 01:28

Activity 2 01:05

Activity 3 01:06

Activity 4 00:15

Activity 5 01:28

Activity 6 18:57

Activity 7 07:35

Activity 8 19:00

Reset All Levels

Level 2 ▶ Challenge 3

Predict the output of the following code:

```
1 var x = [2,4,6];
2 console.log(x[1]);
```

console.log(4)

T Diagram

Variable	Values
x	[2, 4, 6]
[2, 4, 6]	1,2,3

4

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

Lessons

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■ Introduction

■ Level 1 (5/5)

■ Level 2 (9/13)

Activity 101:28

Activity 201:05

Activity 301:06

Activity 400:50

Activity 501:28

Activity 618:57

Activity 707:35

Activity 819:00

Reset All Levels

Level 2 ▶ Challenge 4

Predict the output of the following code:

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

2console.log(x[2]);

console.log(x[5]);

5

SUBMIT

NEXT ACTIVITY

▶

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

Report a Mistake?

Lessons 9%

- Introduction
- Level 1 (5/5)
- Level 2 (9/13)
- Level 3 (0/15)
- Level 4 (0/8)
- Level 5 (0/10)
- Level 6 (0/18)
- Level 7 (0/5)
- Level 8 (0/5)
- Level 9 (0/5)
- Level 10 (0/5)
- Level 11 (0/5)

Reset All Levels

Level 2 Challenge 5

Predict the output of the following code:

1 var x = [1.3];

Leave a Note

2 console.log(x[0]);

console.log(x[1.3])

T Diagram

Variable	Values
x	[1.3]
[2, 4, 6]	1,2,3

1.3

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

Lessons 9%

Introduction

Level 1 (5/5)

Level 2 (9/13)

Activity 1 01:28

Activity 2 01:05

Activity 3 01:06

Activity 4 00:50

Activity 5 00:52

Activity 6 02:26

Activity 7 07:35

Activity 8 19:00

Reset All Levels

Level 2 ▶ Challenge 6

Predict the output of the following code:

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

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

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

3 `console.log(x);`

```
console.log([2, 2, 4]);
```

[2, 2, 4]

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

T Diagram	
Variable	Values
x	[1, 2, 4]
[2, 4, 6]	1,2,3

Lessons 9%

Introduction

Level 1 (5/5)

Level 2 (9/13)

Activity 1 01:28

Activity 2 01:05

Activity 3 01:06

Activity 4 00:50

Activity 5 00:52

Activity 6 02:26

Activity 7 01:37

Activity 8 19:00

Reset All Levels

Level 2 ▶ Challenge 7

Predict the output of the following code:

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

2 `var y = x.length;`

`y = 3;`

3 `console.log(y);`

`console.log(3);`

3

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

T Diagram	
Variable	Values
x	[1, 3, 5]
y	3
[2, 4, 6]	1,2,3

Lessons

9%

Level 1 (5/5)

Level 2 (9/13)

Activity 1 01:28

Activity 2 01:05

Activity 3 01:06

Activity 4 00:50

Activity 5 00:52

Activity 6 02:26

Activity 7 01:37

Activity 8 03:38

Activity 9 03:15

Reset All Levels

Level 2 ▶ Challenge 8

Predict the output of the following code:

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

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

```
y = 5 - 2;  
y = 3;
```

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

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

3

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

T Diagram

Variable	Values
x	[2, 4, 6, 3, 7]
y	3
[2, 4, 6]	1,2,3

Lessons

9%

Activity 6

02:26

Activity 7

01:37

Activity 8

03:38

Activity 9

02:00

Activity 10

Activity 11

Activity 12

Activity 13

Level 3 (0/15)

Level 4 (0/8)

Level 5 (0/10)

Level 6 (0/12)

Reset All Levels

Level 2 ▶ Challenge 9

Predict the output of the following code:

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

2 `var y = x.length;`

`y = 5;`

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

`console.log(x[5-1]);`
`console.log(x[4]);`
`console.log(7);`

T Diagram

Variable	Values
x	[2, 4, 6, 3, 7]
y	5
[2, 4, 6]	1,2,3

7

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

Lessons 9%

Activity 6 02:26

Activity 7 01:37

Activity 8 03:38

Activity 9 02:00

Activity 10 03:58

Activity 11

Activity 12

Activity 13

Level 3 (0/15)

Level 4 (0/8)

Level 5 (0/10)

Level 6 (0/12)

Reset All Levels

Level 2 ▶ Challenge 10

Predict the output of the following code:

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

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

```
x[0] = x[4-2];  
x[0] = x[2];  
[5, 3, 5, 7];
```

3 `console.log(x);`

```
console.log([5, 3, 5, 7]);
```

[5, 3, 5, 7]

SUBMIT

NEXT ACTIVITY



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

Report a Mistake?

T Diagram	
Variable	Values
x	[1, 3, 5, 7]
a,b,c	1,2,3

Lessons

9%

Activity 6 02:26

Activity 7 01:37

Activity 8 03:38

Activity 9 02:00

Activity 10 03:58

Activity 11 03:58

Activity 12 04:40

Activity 13

Level 3 (0/15)

Level 4 (0/8)

Level 5 (0/10)

Level 6 (0/12)

Reset All Levels

Level 2 Challenge 12

Predict the output of the following code:

3 `x[2] = y[x.length-3];`

```
x[2] = y[4-3];  
x[2] = y[1];  
[1, 3, 4, 7]
```

4 `console.log(x);`

```
console.log([1, 3, 4, 7]);
```

[1, 3, 4, 7]

SUBMIT

NEXT ACTIVITY




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

Report a Mistake?

T Diagram

Variable	Values
x	[1, 3, 5, 7] >
y	[2, 4, 6]
x	[1, 3, 4, 7]
[2, 4, 6]	1,2,3



LESSONS 16% CHALLENGES

Lessons 16%

Activity 6 02:26

Activity 7 01:37

Activity 8 03:38

Activity 9 02:00

Activity 10 03:58

Activity 11 03:58

Activity 12 04:40

Activity 13 22:01

Level 3 (0/15)

Level 4 (0/8)

Level 5 (0/10)

Level 6 (0/12)

Reset All Levels

Level 2 Challenge 13

Predict the output of the following code

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]];

4 console.log(x);

x[2] = y[4-3] + x[x[0] + y[0]];

x[2] = y[1] + x[x[0] + y[0]];

x[2] = y[1] + x[1 + 2];

[1, 3, 11, 7]

SUBMIT

NEXT ACTIVITY

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

Report a Mistake?

```
1
2 x[2] = y[4-3] + x[x[0] + y[0]];
3 x[2] = y[1] + x[x[0] + y[0]];
4 x[2] = y[1] + x[1 + 2];
5 x[2] = y[1] + x[3];
6 [1, 3, 4 + 7, 7];
7 [1, 3, 11, 7];
```

K

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T Diagram	
Variable	Values
x	[1, 3, 5, 7]
y	[2, 4, 6]
[2, 4, 6]	1,2,3