Obserbation

"JAVASCRIPT ALGORITHM 1"

= Activity 2 Coding DOJO =

1.

Lessons	8%

Level 2 ▸ Challenge 1

Predict the output of the following code:

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

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

2 console.log(x);

```
it will print [1,2,4];
```

- Introduction
- Level 1 (5/5)
- Level 2 (1/13)
  - Activity 1   01:53
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  - Activity 5
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  - Activity 12
  - Activity 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)

Reset All Levels

T Diagram

Variable	Values
x	1,2,4
a,b,c	1,2,3

[1,2,4]   SUBMIT   NEXT ACTIVITY

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

Report a Mistake?

2.

Lessons	8%

Level 2 ▸ Challenge 2

Predict the output of the following code:

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

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

2 console.log(x[0]);

```
console.log(x[0]);
```

- Introduction
- Level 1 (5/5)
- Level 2 (2/13)
  - Activity 1   01:53
  - Activity 2   02:08
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  - Activity 5
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  - Activity 9
  - Activity 10
  - Activity 11
  - Activity 12
  - Activity 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)

Reset All Levels

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?

3.

Lessons	8%

Level 2 ▸ Challenge 3

Predict the output of the following code:

1 var x = [2,4,6];

```
x = [2,4,6];
```

2 console.log(x[1]);

```
console.log(x[1]);
it will print 4
```

- Introduction
- Level 1 (5/5)
- Level 2 (3/13)
  - Activity 1   01:53
  - Activity 2   02:08
  - Activity 3   02:05
  - Activity 4
  - Activity 5
  - Activity 6
  - Activity 7
  - Activity 8
  - Activity 9
  - Activity 10
  - Activity 11
  - Activity 12
  - Activity 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)

T Diagram

Variable	Values
x	[2,4,6]
a,b,c	1,2,3

4   SUBMIT   NEXT ACTIVITY

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

Report a Mistake?

4.

Level 2 ▸ Challenge 4

Predict the output of the following code:

T Diagram

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

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

```
2   console.log(x[2]);
```
console.log(x[2]);
it will print 5

Lessons navigation:
- Introduction
- Level 1 (5/5)
- Level 2 (4/13)
  - Activity 1 — 01:53
  - Activity 2 — 02:08
  - Activity 3 — 02:05
  - Activity 4 — 01:55
  - Activity 5
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  - Activity 7
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  - Activity 9
  - Activity 10
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  - Activity 12
  - Activity 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)

5   SUBMIT   NEXT ACTIVITY

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

Report a Mistake?

5.

Level 2 ▸ Challenge 5

Predict the output of the following code:

T Diagram

Variable	Values
x	[1.3]
a,b,c	1,2,3

```
1   var x = [1.3];
```
x = [1.3] ;

```
2   console.log(x[0]);
```
console.log(x[0]);
it will print 1.3

Lessons navigation:
- Introduction
- Level 1 (5/5)
- Level 2 (5/13)
  - Activity 1 — 01:53
  - Activity 2 — 02:08
  - Activity 3 — 02:05
  - Activity 4 — 01:55
  - Activity 5 — 02:17
  - Activity 6
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  - Activity 8
  - Activity 9
  - Activity 10
  - Activity 11
  - Activity 12
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- Level 3 (0/15)
- Level 4 (0/8)
- Level 5 (0/10)
- Level 6 (0/18)
- Level 7 (0/5)
- Level 8 (0/5)
- Reset All Levels

1.3   SUBMIT   NEXT ACTIVITY

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

Report a Mistake?

6.

Level 2 ▸ Challenge 6

Predict the output of the following code:

T Diagram

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

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

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

```
3   console.log(x);
```
console.log(x);
it will print [2,2,4];

Lessons navigation:
- Introduction
- Level 1 (5/5)
- Level 2 (6/13)
  - Activity 1 — 01:53
  - Activity 2 — 02:08
  - Activity 3 — 02:05
  - Activity 4 — 01:55
  - Activity 5 — 02:17
  - Activity 6 — 01:18
  - Activity 7
  - Activity 8
  - Activity 9
  - Activity 10
  - Activity 11
  - Activity 12
  - Activity 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)

[2,2,4]   SUBMIT   NEXT ACTIVITY

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

Report a Mistake?

7,

Level 2 ▸ Challenge 7

Predict the output of the following code:

T Diagram

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

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

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

2 `var y = x.length;`

```
var y = x.length ;
equivalent of variable y is 3
```

3 `console.log(y);`

```
console.log(y);
it will print 3
```

Lessons sidebar:
- Introduction
- Level 1 (5/5)
- Level 2 (7/13)
  - Activity 1 01:53
  - Activity 2 02:08
  - Activity 3 02:05
  - Activity 4 01:55
  - Activity 5 02:17
  - Activity 6 01:18
  - Activity 7 03:24
  - Activity 8
  - Activity 9
  - Activity 10
  - Activity 11
  - Activity 12
  - Activity 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)
- Reset All Levels

3 | SUBMIT | NEXT ACTIVITY

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

Report a Mistake?

8,

Level 2 ▸ Challenge 8

Predict the output of the following code:

T Diagram

Variable	Values
x	[2,4,6,3,7]
a,b,c	1,2,3

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

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

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

```
var y = x.length -2;
replace the value of x.length ;
```

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

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

Lessons sidebar:
- Introduction
- Level 1 (5/5)
- Level 2 (8/13)
  - Activity 1 01:53
  - Activity 2 02:08
  - Activity 3 02:05
  - Activity 4 01:55
  - Activity 5 02:17
  - Activity 6 01:18
  - Activity 7 03:24
  - Activity 8 04:47
  - Activity 9
  - Activity 10
  - Activity 11
  - Activity 12
  - Activity 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)

3 | SUBMIT | NEXT ACTIVITY

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

Report a Mistake?

9.

Level 2 ▸ Challenge 9

Predict the output of the following code:

T Diagram

Variable	Values
x	[2,4,6,3,7]
a,b,c	1,2,3

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

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

2 `var y = x.length;`

```
var y = x.length;
replace the value of x.length
```

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

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

Lessons sidebar:
- Introduction
- Level 1 (5/5)
- Level 2 (9/13)
  - Activity 1 01:53
  - Activity 2 02:08
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  - Activity 4 01:55
  - Activity 5 02:17
  - Activity 6 01:18
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  - Activity 8 04:47
  - Activity 9 02:30
  - Activity 10
  - Activity 11
  - Activity 12
  - Activity 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)
- Reset All Levels

7 | SUBMIT | NEXT ACTIVITY

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

Report a Mistake?

10,

Level 2 ▸ **Challenge 10**

Predict the output of the following code:

T Diagram

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

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

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

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

1 = x[2];
replace the value of x.length.

3 console.log(x);

console.log(x);
it will print [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?

11,

Level 2 ▸ **Challenge 10**

Predict the output of the following code:

T Diagram

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

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

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

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

1 = x[2];
replace the value of x.length.

3 console.log(x);

console.log(x);
it will print [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?