JavaScript Algorithm 1

Submitted by:

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Lessons 16%

- Level 1 (5/5)
  - Activity 1 — 00:06
  - Activity 2 — 00:07
  - Activity 3 — 00:47
  - Activity 4 — 00:45
  - Activity 5 — 00:27
- Level 2 (13/13)
- 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)
- More on functions
- Level 12 (0/21)

Level 1 ▸ Challenge 1

Predict the output of the following code:

```
1  var x = 5;
   x=5

2  console.log(x);
   output:5
```

T Diagram

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

Your answer. e.g. 1, 2, 3, [1,2,3] **SUBMIT**   **NEXT ACTIVITY**

Lessons 16%

- Level 1 (5/5)
  - Activity 1 — 00:06
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  - Activity 3 — 00:47
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  - Activity 5 — 00:27
- Level 2 (13/13)
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- Level 7 (0/5)
- Level 8 (0/5)
- Level 9 (0/5)
- Level 10 (0/5)
- Level 11 (0/5)
- More on functions
- Level 12 (0/21)

Reset All Levels

Level 1 ▸ Challenge 2

Predict the output of the following code:

```
1  var x = 3;
   x=3

2  x = x+1;
   x=3+4

3  console.log(x);
   4
```

T Diagram

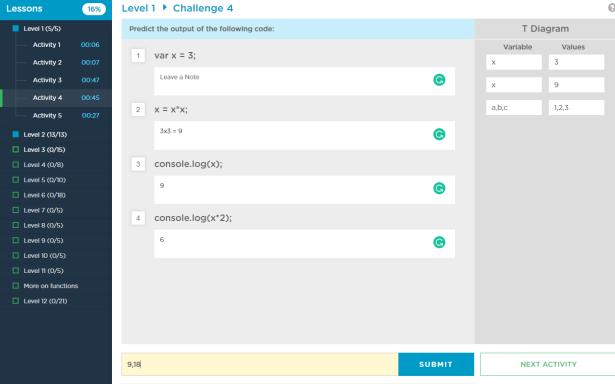| Variable	Values
x	3
x	4
a,b,c	1,2,3

Your answer. e.g. 1, 2, 3, [1,2,3] **SUBMIT**   **NEXT ACTIVITY**

Report a Mistake?

JavaScript Algorithm 1

Panel 1

Lessons	16%
Level 1 (5/5)	
Activity 1	00:06
Activity 2	00:07
Activity 3	00:47
Activity 4	00:45
Activity 5	00:27
Level 2 (13/13)	
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)	
More on functions	
Level 12 (0/21)	

Reset All Levels

Level 1 ▸ Challenge 3

Predict the output of the following code:

T Diagram

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

```
1    var x = 3;
```
3

```
2    x = x+2;
```
3+2 = 5

```
3    console.log(x+2);
```
5+2 = 7

```
4    console.log(x);
```
5

Your answer. e.g. 1, 2, 3, [1,2,3]   **SUBMIT**   **NEXT ACTIVITY**

Report a Mistake?

Panel 2

Lessons	16%
Level 1 (5/5)	
Activity 1	00:06
Activity 2	00:07
Activity 3	00:47
Activity 4	00:45
Activity 5	00:27
Level 2 (13/13)	
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)	
More on functions	
Level 12 (0/21)	

Level 1 ▸ Challenge 4

Predict the output of the following code:

T Diagram

Variable	Values
x	3
x	9
a,b,c	1,2,3

```
1    var x = 3;
```
Leave a Note

```
2    x = x*x;
```
3x3 = 9

```
3    console.log(x);
```
9

```
4    console.log(x*2);
```
6

9,18   **SUBMIT**   **NEXT ACTIVITY**

JavaScript Algorithm 1

Level 1 ▸ Challenge 5

Level 1 (5/5)
Activity 1	00:06
Activity 2	00:07
Activity 3	00:47
Activity 4	01:08
Activity 5	01:13

Level 2 (13/13)
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)
More on functions
Level 12 (0/21)

Reset All Levels

Predict the output of the following code:

1 var x = 2;

2

2 var y = 5;

5

3 var z = x+y;

z = 2 + 5

4 console.log(z);

7

T Diagram

Variable	Values
x	2
y	5
z	7
a,b,c	1,2,3

7   SUBMIT   NEXT ACTIVITY

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

Report a Mistake?