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Observation Report – JavaScript Algorithm 1

WD37 Decoders

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

5

SUBMIT

NEXT ACTIVITY



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

[Report a Mistake?](#)

Level 1 ▶ Challenge 2



Predict the output of the following code:

1 `var x = 3;`

`x=3`

2 `x = x+1;`

`x=4`

3 `console.log(x);`

`output 4`

T Diagram

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

4

SUBMIT

NEXT ACTIVITY



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

[Report a Mistake?](#)

Level 1 ▶ Challenge 3



Predict the output of the following code:

2 `x = x+2;`

x=5

3 `console.log(x+2);`

output 5+2 = 7

4 `console.log(x);`

output 5

T Diagram

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

7,5

SUBMIT

NEXT ACTIVITY



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

[Report a Mistake?](#)

Level 1 ▶ Challenge 4



Predict the output of the following code:

2 `x = x*x;`

x=9

3 `console.log(x);`

output 9

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

output 9*2=18

T Diagram

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

9,18

SUBMIT

NEXT ACTIVITY



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

[Report a Mistake?](#)

Level 1 ▶ Challenge 5



Predict the output of the following code:

2 `var y = 5;`

y=5

3 `var z = x+y;`

z=2+5
z=7

4 `console.log(z);`

output 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?](#)

Lessons

16%

■ Introduction

■ Level 1 (5/5)

Activity 1 00:26

Activity 2 00:38

Activity 3 01:05

Activity 4 00:59

Activity 5 01:04