

# Laboratorio 3 – JavaScript

## Programacion Web II – Grupo A

Apellidos y Nombres: Vilca Huarca, Laura Lucía

1. Resolver los 67 ejercicios de JavaScript en w3schools.com y subir un pantallazo con su nombre y apellido.

The screenshot shows the w3schools.com website with the 'JavaScript' tab selected in the navigation bar. The main content area is titled 'Exercises' and contains a list of categories: Introduction, Where To, Output, Statements, Syntax, Comments, Variables, Let, Const, Operators, and Arithmetic Operators. Each category has a green circular icon next to it. On the right side, there is a sidebar for the user 'Laura Vilca' with a profile picture, a progress bar indicating '9% Complete', and a 'CHECK!' button. The sidebar also includes links for Dashboard, Tutorial, Bookmarks, Learning, Courses, Spaces, Certificates, Billing, and Log out.

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**JS Variables**

- Exercise 1
- Exercise 2
- Exercise 3
- Exercise 4
- Exercise 5**

[Go to JS Variables Tutorial](#)

**JS Operators**

**JS Data Types**

**JS Functions**

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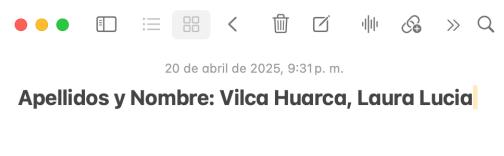
## Exercise:

On one single line, declare three variables with the following names and values:

```
firstName = "John"  
lastName = "Doe"  
age = 35
```

Correct!

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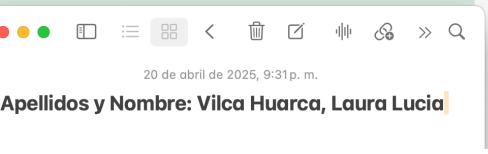
## Exercise:

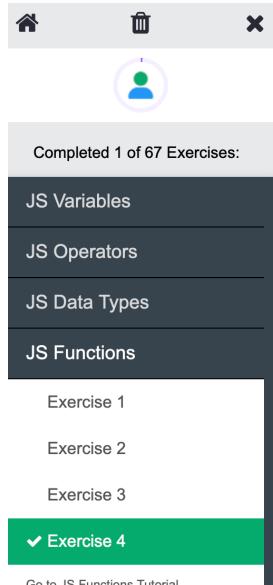
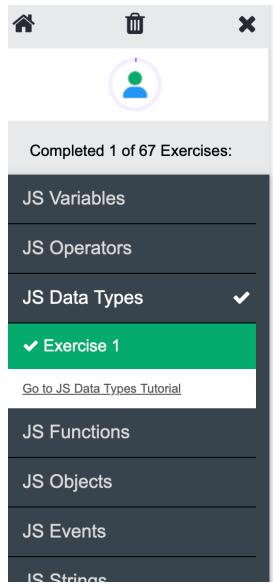
Use the correct **assignment operator** that will result in `x` being 50 (same as `x = x * y`).

Correct!

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[Next Exercise >](#)



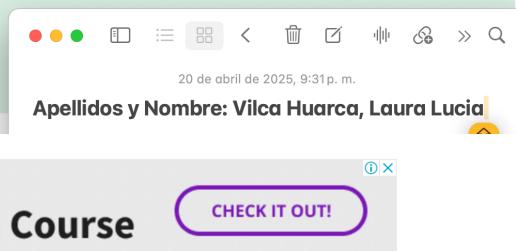


## Exercise:

Use comments to describe the correct data type of the following variables:

Correct!

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## Exercise:

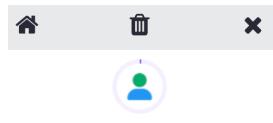
Make the function display "Hello" in the inner HTML of an element with the ID "demo".

Correct!

[Next >](#)



[Next Exercise >](#)



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### Exercise:

Create an object called person with name = John, age = 50.  
Then, access the object to alert("John is 50").

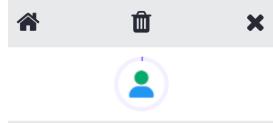
**Correct!**

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### Exercise:

The <div> element should turn red when someone moves the mouse over it.

**Correct!**

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- JS Variables
- JS Operators
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- JS Strings

Exercise 1

Exercise 2

✓ Exercise 3

Exercise 1

Exercise 2

✓ Exercise 3

Completed 1 of 67 Exercises:

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- JS Strings
- JS String Methods

Exercise 1

Exercise 2

Exercise 3

Exercise 4

✓ Exercise 5

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## Exercise:

Concatenate the two strings to alert "Hello World!".

Correct!

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Next Exercise >

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CHECK IT OUT!

## Exercise:

Convert the value of `txt` to lower case.

Correct!

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Notas

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Exercise 1

Exercise 2

✓ Exercise 3

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## Exercise:

Alert the number of items in an array, using the correct Array property.

Correct!

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- JS Arrays
- JS Array Methods

Exercise 1

Exercise 2

✓ Exercise 3

JavaScript Certification Course

CHECK IT OUT!

## Exercise:

Use the `splice()` method to remove "Orange" and "Apple" from `fruits`.

Correct!

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- JS Variables
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- JS Events
- JS Strings
- JS String Methods
- JS Arrays
- JS Array Methods
- JS Array Sort ✓
- ✓ Exercise 1

## Exercise:

Use the correct Array method to sort the `fruits` array alphabetically.

Correct!

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- JS Array Methods
- JS Array Sort
- JS Dates
- Exercise 1
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[Go to JS Dates Tutorial](#)

JS Math

## Exercise:

Use the correct Date method to set the year of a date object to 2020.

Correct!

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- Exercise 1
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Go to JS Math Tutorial

- JS Comparisons
- JS Conditions
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- JS For Loops

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## Exercise:

Use the correct Math method to get the square root of 9.

Correct!

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Exercise 1

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**Exercise 4**

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- JS Conditions

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## Exercise:

Choose the correct conditional (ternary) operator to alert "Too young" if age is less than 18, otherwise alert "Old enough".

Correct!

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Exercise 1

✓ Exercise 2

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## Exercise:

Fix the if statement to alert "Hello World" if `x` is greater than `y`, otherwise alert "Goodbye".

Correct!

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JS Dates

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**JS Switch**

Exercise 1

✓ Exercise 2

[Go to JS Switch Tutorial](#)

- JS For Loops

## Exercise:

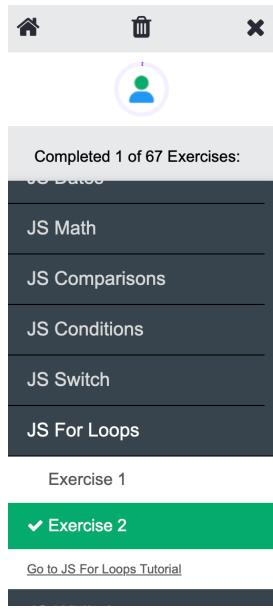
Add a section that will alert("Neither") if `fruits` is neither "banana" nor "apple".

Correct!

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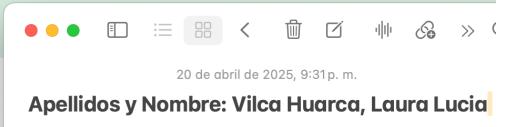


## Exercise:

Create a loop that runs through each item in the `fruits` array.

Correct!

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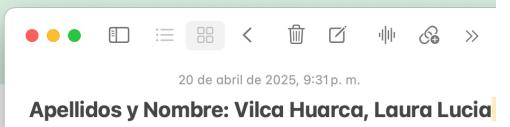


## Exercise:

Create a loop that runs as long as `i` is less than 10, but increase `i` with 2 each time.

Correct!

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JS Basics

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- JS While Loops
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Exercise 1

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- JS Break Loops
- JS HTML DOM

Exercise 1

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Exercise 5

Exercise 6

Exercise 7

Exercise 8

✓ Exercise 9

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Exercise:

Make the loop jump to the next iteration when `i` is 5.

Correct!

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Exercise:

Use the `addEventListener` to assign an onclick event to the `<button>` element.

Correct!

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