

UNIVERSIDAD NACIONAL DE SAN AGUSTÍN
FACULTAD DE INGENIERÍA DE PROCESOS Y SERVICIOS
ESCUELA PROFESIONAL DE INGENIERÍA DE SISTEMAS



Actividad Nro 3
JavaScript

PROGRAMACIÓN WEB 2 - LABORATORIO

Docente: Ing. Corrales Delgado, Carlo Jose Luis

Alumno:

Estrada Arce, Sergio Emilio

Arequipa-Perú
2025

Problemas del 1 al 5:

Aprendiendo variables con JavaScript

Completed 1 of 67 Exercises:

JS Variables

✓ Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

[Go to JS Variables Tutorial](#)

JS Operators

JS Data Types

JS Functions

Exercise:

Create a variable called `carName`, assign the value `'Volvo'` to it.

```
let carName = "Volvo";
```

Show Answer

Submit Answer >

Completed 1 of 67 Exercises:

JS Variables

✓ Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

[Go to JS Variables Tutorial](#)

JS Operators

JS Data Types

Exercise:

Create a variable called `x`, assign the value `50` to it.

```
let x = 50
```

Show Answer

Submit Answer >

Completed 3 of 67 Exercises:

JS Variables

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

Exercise 4

Exercise 5

[Go to JS Variables Tutorial](#)

JS Operators

JS Data Types

JS Functions

JS Objects

Exercise:

Display the sum of `5 + 10`, using two variables: `x` and `y`.

```
let x = 5;  
let y = 10;  
document.getElementById("demo").innerHTML = x + y;
```

Show Answer

Submit Answer >

Completed 3 of 67 Exercises:

JS Variables

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

Exercise 4

Exercise 5

[Go to JS Variables Tutorial](#)

JS Operators

JS Data Types

JS Functions

Exercise:

Create a variable called `z`, assign `x + y` to it, and display the result in an alert box.

```
let x = 5;  
let y = 10;  
let z = x + y;  
alert(z);
```

Show Answer

Submit Answer >

Completed 4 of 67 Exercises:

JS Variables

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

✓ Exercise 4

Exercise 5

[Go to JS Variables Tutorial](#)

JS Operators

JS Data Types

JS Functions

JS Objects

JS Events

JS Strings

Exercise:

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

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

```
let firstName = "John", lastName = "Doe", age = 35;
```

Show Answer

Submit Answer >

Problemas del 6 al 10: Aprendiendo operadores con JavaScript

Completed 5 of 67 Exercises:

JS Variables

JS Operators

Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

[Go to JS Operators Tutorial](#)

JS Data Types

JS Functions

Exercise:

Multiply 10 with 5, and alert the result:

```
alert(10 * 5);
```

Show Answer

Submit Answer >

Completed 6 of 67 Exercises:

JS Variables

JS Operators

✓ Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

[Go to JS Operators Tutorial](#)

JS Data Types

JS Functions

Exercise:

Divide 10 by 2, and alert the result:

```
alert(10 / 2);
```

Show Answer

Submit Answer >

Completed 7 of 67 Exercises:

JS Variables

JS Operators

✓ Exercise 1

✓ Exercise 2

Exercise 3

Exercise 4

Exercise 5

[Go to JS Operators Tutorial](#)

JS Data Types

JS Functions

Exercise:

Alert the **remainder** when 15 is divided by 9.

```
alert(15 % 9);
```

Show Answer

Submit Answer >

Completed 8 of 67 Exercises:

JS Variables

JS Operators

Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

Go to JS Operators Tutorial

JS Data Types

Exercise:

Use the correct **assignment operator** that will result in `x` being 15 (same as `x = x + y`).

```
x = 10;
y = 5;
x += y;
```

Show Answer

Submit Answer >

Completed 9 of 67 Exercises:

JS Variables

JS Operators

Exercise 1

Exercise 2

Exercise 3

Exercise 4

Exercise 5

Go to JS Operators Tutorial

JS Data Types

JS Functions

Exercise:

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

```
x = 10;
y = 5;
x *= y;
```

Show Answer

Submit Answer >

Problema 11:

Aprendiendo los tipos de datos con JavaScript

Completed 10 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

Exercise 1

Go to JS Data Types Tutorial

JS Functions

JS Objects

JS Events

JS Strings

JS String Methods

Exercise:

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

```
let length = 16;           // Number
let lastName = "Johnson"; // String
const x = {
  firstName: "John",
  lastName: "Doe"
};                          // Object
```

Show Answer

Submit Answer >

Problemas del 12 al 15:

Aprendiendo las funciones con JavaScript

Completed 11 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

Exercise 1

Exercise 2

Exercise 3

Exercise 4

Go to JS Functions Tutorial

JS Objects

Exercise:

Execute the function named `myFunction`.

```
function myFunction() {
  alert("Hello World!");
}
myFunction();
```

Show Answer

Submit Answer >

Completed 12 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

Exercise 1

Exercise 2

Exercise 3

Exercise 4

Go to JS Functions Tutorial

Exercise:

Create a function called "myFunction".

```
function myFunction() {  
  alert("Hello World!");  
}
```

Show Answer

Submit Answer >

Completed 13 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

Exercise 1

Exercise 2

Exercise 3

Exercise 4

Go to JS Functions Tutorial

JS Objects

Exercise:

Make the function return "Hello".

```
function myFunction() {  
  return "Hello";  
}  
document.getElementById("demo").innerHTML = myFunction();
```

Show Answer

Submit Answer >

Completed 14 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

Exercise 1

Exercise 2

Exercise 3

Exercise 4

Go to JS Functions Tutorial

Exercise:

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

```
function myFunction() {  
  document.getElementById("demo").innerHTML = "Hello";  
}
```

Show Answer

Submit Answer >

Problemas del 16 al 18:

Aprendiendo los objetos con JavaScript

Completed 15 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

JS Objects

Exercise 1

Exercise 2

Exercise 3

Go to JS Objects Tutorial

JS Events

JS Strings

Exercise:

Alert "John" by extracting information from the person object.

```
const person = {  
  firstName: "John",  
  lastName: "Doe"  
};  
  
alert(person.firstName);
```

Show Answer

Submit Answer >

Completed 16 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

JS Objects

Exercise 1

Exercise 2

Exercise 3

Go to JS Objects Tutorial

Exercise:

Add the following property and value to the person object: country: Norway.

```
const person = {  
  firstName: "John",  
  lastName: "Doe",  
  country: "Norway"  
};
```

Show Answer

Submit Answer >

Completed 17 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

JS Objects

Exercise 1

Exercise 2

Exercise 3

Go to JS Objects Tutorial

JS Exercise

Exercise:

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

```
const person = {
  name: "John", age: 50
};
alert(person.name + " is " + person.age);
```

Show Answer

Submit Answer >

Problemas del 19 al 21:

Aprendiendo los eventos con JavaScript

Completed 18 of 67 Exercises:

JS Variables

JS Operators

JS Data Types

JS Functions

JS Objects

JS Events

Exercise 1

Exercise 2

Exercise 3

Go to JS Events Tutorial

Exercise:

The <button> element should do something when someone clicks on it. Try to fix it!

```
<button onclick="alert('Hello')">Click me.</button>
```

Show Answer

Submit Answer >