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# JavaScript



Developer Student Clubs  
FUOYE

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Tutor: Bunmi

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# Introduction to JavaScript

## What is Javascript

JavaScript is the programming language of the Web

## What is a programming language

Put simply, programming is giving a set of instructions to a computer to execute

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# Variables

Variables allow computers to **store** and manipulate data

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# Data Types

Number

Boolean

String

Object

Undefined

Null

Symbol

BigInt

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# Operators

## Arithmetic Operators

**+** **-** **\*** **/** **\*\*** **%** **++** **--**

## Assignment Operators

**=** **+=** **-=** **\*=** **/=** **%=** **\*\*=**

## Comparison Operators

**==** **===** **!=** **!==** **>** **<**  
**>=** **<=** **?**

## Logical Operators

**&&** **||** **!**

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# Conditional Statements

- if
  - else
  - else if
  - switch
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# JavaScript Functions

A JavaScript function is a block of code designed to **perform** a particular task

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# JavaScript Events

Events are actions that happen in our HTML that JavaScript can **react** to

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