

# Introduction to JavaScript

## What is JavaScript?

**JavaScript** is a lightweight, interpreted, and object-oriented programming language. It was developed by **Brendan Eich** in **1995** for the **Netscape Navigator** browser.

JavaScript is mainly used to **make web pages interactive**—for example, responding to user actions, validating forms, creating animations, and manipulating content without reloading the page.

## Key Features of JavaScript

Feature	Description
Client-side Scripting	Runs in the browser on the user's machine
Lightweight Language	Minimal syntax and easy to learn
Interpreted	Executes code directly, no compilation required
Dynamic Typing	No need to specify variable data types
Event Handling	Responds to user actions like clicks, keypress, etc.
DOM Manipulation	Can change HTML and CSS dynamically
Cross-platform Support	Runs on all major browsers (Chrome, Firefox, Safari, etc.)
Server-side Compatible	Works on server-side too via platforms like <b>Node.js</b>

## Q. Who developed JavaScript and in which year?

- A. Tim Berners-Lee, 1993
- B. Guido van Rossum, 1991
- C. Brendan Eich, 1995
- D. Dennis Ritchie, 1972