**JavaScript**

**Definition:**

JavaScript is the Programming Language for the Web. It is a lightweight, interpreted, or just-in-time compiled programming language. While it is most well-known as the scripting language for Web pages, many non-browser environments also use it. JavaScript is a prototype-based, multi-paradigm, single-threaded, dynamic language, supporting object-oriented, imperative and declarative styles. JavaScript can update and change both HTML and CSS. JavaScript can calculate, control and validate.

Programming Language (instructing a computing device to perform specific tasks).

Lightweight (consume minimal memory resources).

Interpreted (directly executes instructions written in a scripting language).

Non-browser environments (word processors, spreadsheets etc.)

Multi-Paradigm (Multi standard, perspective, or set of ideas to be executed).

Single-Threaded (one command is processes at a time).

Dynamic Language (Breaking the complex problem into a simple subproblems).