



JANUARY 5, 2019 BY VICTOR ISAACS THE BLOGGER

Let's introduce ourselves to JavaScript computer programming language

The three core LANGUAGES of a web page.

- **<HTML>** for content and structure. Eg What is the headline, how paragraphs and what is the content in the paragraphs?
- **CSS** (Cascade Style Sheet) language. Eg what font, what background color?
- **JavaScript**: Programming language for behavior and interactivity. What happens when a mouse hovers over a menu? What happens when you type a wrong value in a form fill? Note that JavaScript works inside another application especially web browser. All browsers have JavaScript engine inside them. OS runs the Browser, the Browser runs the Page and the Page contains js.

What is JavaScript?

JavaScript is a dynamic computers programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities.

Client-side JavaScript is the most common form of the language. The script should be included in or referenced by an HTML document for the code to be interpreted by the

Limitations of JavaScript

- Client-side JavaScript does not allow the reading or writing of files. This has been kept for security reasons.
- JavaScript cannot be used for networking applications because there is no such support available.
- JavaScript doesn't have any multithreading or multiprocessor capabilities.

Advantages of JavaScript

- Less server interaction – You can validate user input before sending the page off to the server. This saves server traffic, which means fewer loads on your server.
- Immediate feedback to the visitors – They don't have to wait for a page reload to see if they have forgotten to enter something.
- Increased interactivity – You can create interfaces that react when the user hovers over them with a mouse or activates them via the keyboard.
- Richer interfaces- You can use JavaScript to include such items as drag and drop components and sliders to give a Rich interface to your side visitors.

Requirement for JavaScript

- Web browser (Internet explorer, Google Chrome, Firefox, Safari, Opera, Konqueror or Lynx)
- Web development IDE eg;
- Komodo IDE 10.2.1. Learn more. on ActiveState.
- NetBeans 8.2. Learn more. on Oracle.
- Visual Studio 2017. Learn more. on Microsoft.
- **Visual Studio Code**11.1. Learn more. on Microsoft.
- Eclipse Neon.3 with Web Tools Platform 3.8.2. Learn more. on Eclipse Foundation.

Download Visual Studio from <https://code.visualstudio.com>

How do we Start/Open Project?

File >Open> Create New folder and files e.g

- Project 1

- CS

Shares

- .images
- .scripts
- .index.html

Download extensions;

- .beatify
- Dracular Official
- Guides
- HTML CSS class completion
- JS-CSS-HTML Formatter
- Path Autocomplete
- .vscode-icons
- .vscode-refresh-html

Writing JavaScript code.

The JavaScript language key words, variables, function names and any other identifier must be always dubbed in consistence capitalization of letter i.e

```
<!DOCTYPE html>
<!DOCTYPE html>
<html>

<header>
  <meta charset="utf-8">
  <title>Alihsum Networking</title>
</head>

<body>
  <h1> We Use JavaScript Application</h1>
</body>
</html>
```

Share this post:

on Twitter

on Facebook

on Google+

 I.C.T

