

### What is JavaScript?

1. JavaScript is a Scripting Language and is the best option for being used in web browsers.
2. JavaScript is an Interpreted language and it's executed by the interpreter built in within the web browser on all platforms.
3. It is Object based (doesn't support inheritance) and is case sensitive language. Its syntax is lot similar to "C" language but is very much influenced by Java.
4. It is very loosely typed language i.e. it doesn't have any data types.
5. It's a specification by initially Netscape and is acknowledge by ECMA (European Computer Manufacturers Association)
6. JavaScript language together with **HTML DOM** (Document Object Model) API is used to make the web page dynamic or interactive. Also we can do client side validations of data before the form is submitted to server.

### First JavaScript Program

```
<!DOCTYPE html>
<html lang="en" xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta charset="utf-8" />
  <title></title>
</head>
<body>
  <script>
    document.write("Hello JavaScript")
  </script>
</body>
</html>
```

Note: document.write is used to write to the browser window.