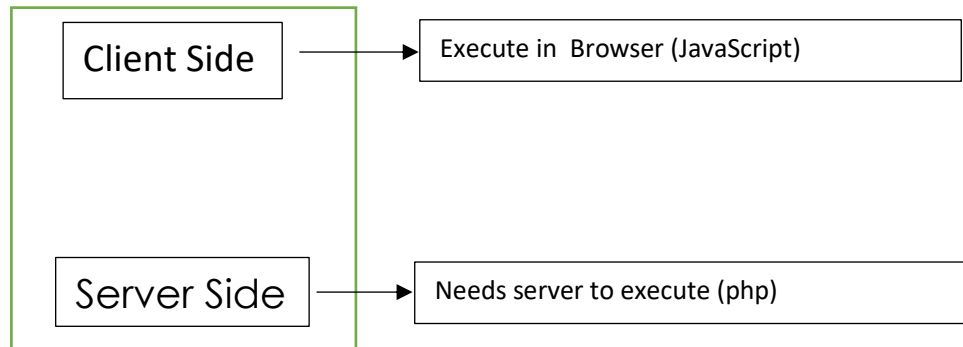# JavaScript Intro

- It is Developed by Brendan Eich in 1995 at Netscape , and became an ECMA Standard in 1997 and ECMAScript is the official name of the language.
- JavaScript is client side scripting Language . A client side scripting language that means it executes in our web browser .
- Javascript is a dynamic computer 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 | → | Execute in Browser (JavaScript) |

| Server Side | → | Needs server to execute (php) |

# Versions

| Version | Official Name |
|---------|---------------|
| ES1 | ECMAScript 1 (1997) |
| ES2 | ECMAScript 2 (1998) |
| ES3 | ECMAScript 3 (1999) |
| ES4 | ECMAScript 4 (Never released) |
| ES5 | ECMAScript 5 (2009) |
| ES6 | ECMAScript 6 (2015) |

# What can we do in JavaScript

- ➢ Web applications.
- ➢ Single page application.
- ➢ Desktop application.
- ➢ Android and ios application.
- ➢ Network –centric application.

# Common use of JavaScript

JavaScript is specially used to control the behavior of our webpage

# Scripting type of JavaScript

1. Internal Scripting  :

```
<head> or <body>
   <script>
      Javascript codes write here
   </script>
</head> or </body>
```

2. External Scripting :

```
<head> or <body>
   <script src="externalpage.js"> </script>
</head> or </body>
```

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