

# JavaScript (ECMAScript)

## JavaScript (ECMAScript)

- High level language (human friendly).
- Interpreted (Not converted in machine languages).
- cross platform
- open source

## History

- December 1995
- ECMAScript
- ES6 (2015)
- ES7(2016)
- Latest ES12(JUNE 2021)

## Frameworks & Library of Js

- Angular Js.
- React Js
- Three Js
- Next Js

## Application of JavaScript

- Js is used to design interactive and responsive websites.
- Client-side validation.
- validating input data.

## Advantage of JavaScript Programming Language.

- Speed
- Simple
- Reduce code length

## Disadvantage

- Browser Support.

## Types of JavaScript in WD.

- Inline Js.

Syntax:-

```
<script>  
  console.log("hello world inline")  
</script>
```

- External Js.

Steps:-

1)Link Js to head

```
<script src="script.js"></script>
```

2)create script.js file:-

```
console.log("hello world external");
```

## Comments.

Comments in JavaScript are statements we write as part of our code to communicate something to humans.

## Types of comments

There are two types of comments in JavaScript. They are as follows:

- Single line comment(`//This is single line comment`)
- Multiline comment(  
    `/*`  
    This is double  
    Line Comments  
    `*/`  
)