

# **INTRODUCTION JAVASCRIPT**



# What is JavaScript ?

JavaScript is a text-based programming language that allows you to create interactive elements on your web page.

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else.

JavaScript is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive.

# Way to add a JavaScript code.

JavaScript code is insert between `<script>` and `</script>` tag .

1. Between the head tag of HTML.

```
<head>
```

```
    <script>.....</script>
```

```
</head>
```

2. Between the body tag of HTML.

```
<body>
```

```
    <script>.....</script>
```

```
</body>
```

### 3. In the .JS file (External Java Script)

create a new page and save the file as: (new.js),  
and link the script tag.

```
<body>
```

```
    <script type =“text/javascript” src=“new.js”>
```

```
        .....
```

```
        .....
```

```
    </script>
```

```
</body>
```

# Comments in JavaScript (//):

JavaScript code is inserted between `<script>` and `</script>` tag.

1. The Java Script comments are meaningful way to deliver message.
2. It is used to add information about the code warning or suggestion So that end user can easily interpret the code,

**There are two type of comments .**

1. Single line comment :                      ex -     `// this is single line comment`
2. Multi line comment :                      ex -     `/* this is multi line comment */`

# Syntax in JavaScript :-

JavaScript syntax is the set of rules, how JavaScript programs are constructed

1. // How to create variables:

```
var x;
```

```
let y;
```

2. // How to use variables:

```
x = 5;
```

```
y = 6;
```

The JavaScript syntax defines two types of values: -

1.Fixed value ( Literals.)

- ex : **number(10.20 ) ; string (“ajay”) ;**

2.varibale value ( Literals.)

- ex : **var x =20; var name = “ajay”;**