**08/12/2021**

**charAt():**

**=>**charAt() function is used to return character at specified index in a given string.

**Synatx:**

stringName.charAt(Index)

**Ex:**

Var str="Techpile"

Alert(str.charAt(5))//i

**charCodeAt():**

charCodeAt function is used to return Unicode value of given character at specified index.

**Syntax**:

stringName.charCodeAt(index)

**Ex:**

<script>

var str="ABC"

alert(str.charCodeAt(1))//66

</script>

**Includes():**

**=>**includes function is used to check whether given string present in given or not.

=>it return true if given string present in sentence otherwise false.

**Case1:**

**Syntax:**

Var str=”TECHPILE TECHNOLOGY”

Alert(str.includes(“Tech”))//false

Alert(str.includes(“TECH”))//true

**Case2:**

**Syntax:**

Alert(str.includes(“TECH”,10))//false

**Replace():**

**=>**replace function is used to replace old string with new string.

=>by default replace function replace first matches string.

**Case1:**

**Syntax:**

stringName.replace(“oldString”,”newString”)

**Ex:**

<script>

var str="suraj yadav jaunpur"

alert(str.replace("su","ni"))//niraj yadav jaunpur

</script>

**Case2:**

Replace to global

**Syntax:**

stringName.replace(“/oldString/g”,”newString”)

**Ex:**

<script>

var str="suraj yadav jaunpur"

alert(str.replace("/su/g","ni"))//niraj yadav jaunpur

</script>

**Startswith():**

<script>

var name="Techpile Technology Pvt Ltd."

alert(name.startsWith("tech"))//false

alert(name.startsWith("Tech"))//true

alert(name.startsWith("Techpile"))//true

alert(name.startsWith("pvt"))//false

alert(name.startsWith("Pvt ltd"))//false

alert(name.startsWith("d"))//false

alert(name.startsWith("d."))//true

</script>

**Tostring():**

**=>**toString function is used to convert other data type value into string.

**Example:**

<script>

var a=10

alert(typeof(a))

a=a.toString()

alert(typeof(a))

</script>

**typeOf():**

typeOf function is used to check type of data present in variable.

**Syntax:**

typeOf(variableName)

**getElementsByTagName:**

=> getElementsByTagName function is used to return collection of all element with specified tag name as collectionHTMLObject.

=>it is located in document object.

**Syntax:**

Var a=documents.getElementsByTagName(“tag name”)

**Example:**

var a=documents.getElementsByTagName(“h1”)[0]//HTML

var a=documents.getElementsByTagName(“h1”)[1]//CSS

var a=documents.getElementsByTagName(“h1”)[2]//JS

var a=documents.getElementsByTagName(“h1”)[3]//PHP

<h1>HTML</h1>

<h1>CSS</h1>

<h1>JS</h1>

<h1>PHP</h1>

**getElementByClassName:**

=> getElementByClassName function is used to return collection of elements with specified className as ObjectHTML Collection.

**Syntax:**

Var variableName=document.getElementByClassName(“className”)

**Exa:**

<b class="a">SUMMER TRAINING</b>

<b class="a">WINTER TRAINING</b>

<b class="a">APPRENTISHIP</b>

var x=document.getElementByClassName("a")[0].textContent//SUMMER TRAINING

var x=document.getElementByClassName("a")[1].textContent//WINTER TRAINING

var x=document.getElementByClassName("a")[2].textContent//APPRENTISHIP

**querySelector:**