

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>

<body>
  <!--
  string

  -->

  <script>

    // String literals

    let f = "Raja"

    let name = "Arul " + f // recommented

    // console.log(name)

    let name1 = 'karthik'

    // let n1 = name+name1
    // console.log(n1)
    // console.log(typeof name1)
    // console.log(typeof name)

    // string constructor
    let name2 = new String("Karthick")
    // console.log(name2)

    // Escape charactors

    let jj = "I am Arul \"s\ "
    jj = "I am arul \\\\"
    // console.log(jj)

    // Template literals
    // back-tick

    // ${} => String interpolation

    // let n = `${name1} I am a javascript ^767*&^*&^*' "" \\\\";

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```
// console.log(n)

// let

// let n1 = "raja"
// let n2 ="siva"
// console.log(`${n1}    ${n2}`)

// how to find the string length`
let g = "Arul infant raja"
// console.log(g.length)


// access the each and every charactor
// 1) variable[index]
// console.log(g[0])
// console.log(g[1])
// console.log(g[2])

// 2) at(index)
// console.log(g.at(0))
// console.log(g.at(1))
// 3) charAt(index)
// console.log(g.charAt(3))

// how to find the last index of string

// console.log(g.charAt(g.length-1))
// how to concat two string?
let h1 = "Kaveri"
let h2 = "kangai"

// number + number => sum
// string +number => join
// number + string => join
// string +string => join
// console.log(h1+" "+h2+" "+g)
let h3 = h1.concat(" ",h2,g)
// console.log(h3)

// console.log(`${h1} ${h2} ${g}`)
// uppercase and lowercase

let y = "sdlc"
// console.log(y.toUpperCase())
let Y = "SDLC"
// console.log(Y.toLowerCase())
```

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// trim => remove the whitespace both side of string

// prompt()
// trimStart()
// trimEnd()

let u = "      Mathi      "
// console.log(u)
// console.log(u.trimStart())
// console.log(u.trimEnd())
// console.log(u.trim())

// 999xxxxxxx
// *****55

let num = "999"

num = num.padEnd(10,"X") // reassign

// console.log(num)

let num1 = "55" // 10
num1 = num1.padStart(10,"*")
// console.log(num1)

// how to repeat the string
let num2 = "arula"
// console.log(num2.repeat(5))

//how to replace the string

let text = "i am Raja , working in SDLC , Raja is trainer"

// text = text.replace("Raja","Siva"); //reassign
// console.log(text)

// i => case insensitive
// text = text.replace(/raja/i,"Siva")
// g => global
// text = text.replace(/raja/gi,"Siva")
// console.log(text)

// text = text.replaceAll(/raja/gi,"siva")
// console.log(text)

```

```
//    A string can be converted to an array

let k = "karthick"
    // k = k.split()
    k = k.split("")
console.log(k)

// string reverse
// Jenitha
// ahtinej

</script>
</body>

</html>
```