

Strings

Strings are used to store and manipulate text. String can be created can be using the following syntax :

Let name = "harry" (creates a string)

Name.length (this property prints length of the string)

String can also be created using quotes

Let name = 'harry'

Template literals

template literals use backticks instead of quotes of define a string

Let name = `harry`

With template literals , it is possible to use both single as well as double quotes inside a string

Let sentence = `the name is "harry"s`

 | | |
 Backtic double quote single quote

We can variables directly in template literal. This is called string interpretation

Let a = `this is \${name}` → prints `this is harry`

 ↓
 Name is a variable

Escape sequence characters

If you try to print the following string , Js will misunderstand it

Let name = 'Adam D 'Angelo'

We can use single quote escape sequence to solve the problem

Let name = 'Adam D\'Angelo'

Similarly we can use \" inside a string with double quotes

Other escape sequence characters are as follows

\\n - newline

\\t - tab (space)

\\r - carriage return

String properties and methods

Let name = "harry"

Name.length -- prints 5

Let name = "harry"

Name.toUpperCase() -- prints HARRY

Let name = "harry"

Name.toLowerCase() -- prints harry

Other methods are on [replit](https://replit.com/@deepak0070) visit there to learn more (https://replit.com/@deepak0070)

NOTE ****

Strings are immutable - means we cannot change the values of a string we can just perform some operations on them , we will always get a changed or new string and the original string will remain same