JavaScript

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| Sl no | Function Name/Operator | Description | Example |  |
| 1 | Exponentiation operator | The exponentiation operator (\*\*) will return the first operand’s power of the second operand. | a \*\* b is equivalent to ab, which is equivalent to Math.pow(a, b) | console.log(10 \*\* 2); // 100 |
| 2 | Length | The length property returns the length of a string: | let text = "ABCDEFGHIJ";  let length = text.length; |  |
| 3 | at(),charAt(),[ ] | This method returns the character at a specified index (position) in a string | let text = "HELLO WORLD";  let char = text.charAt(0); |  |
| 4 | charCodeAt() | The charCodeAt() method returns the code of the character at a specified index in a string | let text = "HELLO WORLD";  let char = text.charCodeAt(0); |  |
| 5 | Slice() | slice() extracts a part of a string and returns the extracted part in a new string | let text = "Apple, Banana, Kiwi";  let part = text.slice(7, 13); | Slice out a portion of a string from position 7 to position 13: |
| 6 | substring() | substring() is similar to slice() | let str = "Apple, Banana, Kiwi";  let part = str.substring(7, 13); | The difference is that start and end values less than 0 are treated as 0 in substring(). |
| 7 | substr() | The difference is that the second parameter specifies the length of the extracted part. | let str = "Apple, Banana, Kiwi";  let part = str.substr(7, 6); |  |
| 8 | toLowerCase() | A string is converted to upper case | let text1 = "Hello”  let t2 = t1.toLowerCase(); |  |
| 9 | toUpperCase() | A string is converted to upper case | let t1 = "Hello";  let t2 = t1.toUpperCase(); |  |
| 10 | trim() | The trim() method removes whitespace from both sides of a string | let t1 = " Hello ";  let t2 = t1.trim(); |  |
| 11 | trimStart() | The trimStart() method works like trim(), but removes whitespace only from the start of a string. | let t1 = " Hello";  let t2 = t1.trimStart(); |  |
| 12 | trimEnd() | The trimEnd() method works like trim(), but removes whitespace only from the end of a string. | let t1 = "World! ";  let t2 = t1.trimEnd(); |  |
| 13 | padStart() | The padStart() method pads a string from the start. | let text = "5";  let padded = text.padStart(4,"0"); | Pad a string with "0" until it reaches the length 4: |
| 14 | padEnd() | The padEnd() method pads a string from the end. | let text = "5";  let padded = text.padEnd(4,"0"); | The padEnd() method is a string method.  To pad a number, convert the number to a string first.  let numb = 5;  let text = numb.toString();  let padded = text.padEnd(4,"0"); |