🡨----------------------- JavaScript - Methods--------------------------🡪

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| **String’s method** | | |
| const name = “ Baljeet/Saini ”, const name2 = “singh” | | |
| No | Method | Example and output |
| 1 | .charAt() | console.log(name.charAt(2));  output – “L”  charAt method to get the value of index in character form. |
| 2 | .concat() | console.log(name.concat(name2));  output – “ baljeet/sainisingh” |
| 3 | .includes() | console.log(name.includes(z));  output – “false”  include method to get the value in Boolean (True and false) it searches the string to get result true or false. |
| 4 | .indexOf() | console.log(name.indexOf('t'));  output – “6”  indexOf method to get index of string in number form. |
| 5 | .lastIndexOf() | console.log(name.lastIndexOf(‘b’));  output – “0” |
| 6 | .slice() | console.log(name.slice(-12, 5));  output – “alje”  slice method to remove character in string through value of index |
| 7 | .split() | console.log(name.split('/'));  output – “[‘baljeet’, ‘saini’]”  split method to get the string in array form |
| 8 | .toLowerCase() | console.log(name.toLowerCase());  output – “baljeet”  toLowerCase method use to convert string in lower case |
| 9 | .toUpperCase() | console.log(name.toUpperCase());  output – “BALJEET”  toUpperCase method use to convert string in upper case |
| 10 | .trim() | console.log(name.trim());  output – “baljeet”  trim remove extra space in string. |
| 11 | .replace() | console.log(name.replace('/', '-'));  output – “baljeet-saini” |
| 12 | .substring() | console.log(name.substring(1, 4));  output – “alj”  slice method to remove character in string through value of index |
| 13 | .startsWith() | console.log(name.startsWith(“b”)); output “true”  console.log(name.startsWith(“a”)); output “false” |
| 14 | .endWith() | console.log(name.endsWith(“i”)); output – “true”  console.log(name.endsWith(“b”)); output – “false” |

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| **Array’s method** | | |
| const array = [1,2, 3, 4, 5], const array2 = [6, 7, 8, 9] | | |
| 1 | .push () | array.push(6);  Console.log(array); output – ‘[1, 2, 3, 4, 5, 6]’  Push method is Add the value in array of last index |
| 2 | .pop() | array.pop();  Console.log(array); output – ‘[1, 2, 3, 4]’  pop method is remove the value in array of last index |
| 3 | .shift () | array.shift();  Console.log(array); output – ‘[2, 3, 4, 5]’  shift method is remove the value in array of first index |
| 4 | .unShift() | array.unshift(9);  Console.log(array); output – ‘[9, 1, 2, 3, 4, 5]’  unshift method is add the value in array of first index |
| 5 | .concat() | const allArr = array.concat(array2);  console.log(allArr); output – ‘[1, 2, 3, 4, 5, 6, 7, 8, 9]  concat method combine the two or more array in one array |
| 6 | .slice() | const myn1 = array.slice(1, 3);  console.log(myn1);  output – ‘ 2, 3’ |
| 7 | .splice() | const myn2 = array.splice(1, 3);  console.log(myn2); output = ‘0, 4, 5’ |
| 8 | .indexOf() | console.log(array.indexOf(3)); output tell the place of array |
| 9 | .lastIndexOf() |  |
| 10 | .includes() | console.log(array.includes(9));   output value in true/false (value in array is true and the value is not in array is false) |
| 11 | .find() |  |
| 12 | .findIndex() |  |
| 13 | .filter() |  |
| 14 | .map() |  |
| 12 | .reduce() |  |
| 16 | .forEach() |  |
| 17 | .some() |  |
| 18 | .every() |  |
| 19 | .sort() |  |
| 20 | .reverse() |  |
| 21 | .join() |  |

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| **Object’s method** | | |
| Const users = {  Id: 123,  name: “baljeet”,  course: “WD”,  } | | |
| 1 | Object.keys() | console.log(user.keys());  output – “[‘id’, ‘name’, ‘course’] |
| 2 | Object.values() | console.log(user.values());  output – “[‘123, ‘baljeet, ‘WD] |
| 3 | Object.entries() | console.log(user.values());  output – “[ [id: 123], [name: baljeet], [course: WD] ] |
| 4 | Object.assign() |  |
| 5 | Object.freeze() |  |
| 6 | Object.seal() |  |
| 7 | Object.create() |  |
| 8 | Object.hasOwnProperty() |  |
| 9 | Object.getPrototypeOf() |  |