PSG COLLEGE OF TECHNOLOGY

DEPARTMENT OF COMPUTER APPLICATIONS  
23MX15 Web Technologies

JavaScript Worksheet - 2

**Preamble work :** Learn about arrays in JavaScript by going through the following: https://www.w3schools.com/js/js\_arrays.asp

**Part A : Array Methods**

Write a menu driven JS program (use switch constructs) to illustrate the working of following Array methods in JavaScript.

| Array length  Array toString()  Array pop()  Array push()  Array shift()  Array unshift() | Array join()  Array delete()  Array concat()  Array flat()  Array splice()  Array slice() |
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**Refer:** [**https://www.w3schools.com/js/js\_array\_methods.asp**](https://www.w3schools.com/js/js_array_methods.asp)

**Part B String Methods**

1. Using user defined functions write sample code to illustrate the working of following string methods.

| String length  String slice()  String substring()  String substr()  String replace()  String replaceAll()  String toUpperCase()  String toLowerCase()  String concat() | String trim()  String trimStart()  String trimEnd()  String padStart()  String padEnd()  String charAt()  String charCodeAt()  String split() |
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Refer: <https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Useful_string_methods>

<https://www.w3schools.com/js/js_string_methods.asp>

Or any books also.