

## DAY2\_ASSIGNMENT(15<sup>th</sup> JULY)

### Question 1:

Write a JS code which takes input from the user and logs it in the console.

A:

```
<html>
  <head>
    <title>
      "User Input"
    </title>
  </head>
  <body>
    <script>
      let a=prompt("Enter the tutorial name:");
      console.log(a);
    </script>
  </body>
</html>
```

## Question 2:

Explain with examples the remaining methods of String and Array.

### A:String Methods

String Methods	Description	Example
indexOf( )	The <code>indexOf()</code> method returns the index of (the position of) the first occurrence of a specified text in a string	<pre>let str = "Please locate where 'locate' occurs!"; var pos = str.indexOf("locate");</pre>
lastIndexOf( )	The <code>lastIndexOf()</code> method returns the index of the <b>last</b> occurrence of a specified text in a string	<pre>let str = "Please locate where 'locate' occurs!"; var pos = str.lastIndexOf("locate");</pre>
search( )	The <code>search()</code> method searches a string for a specified value and returns the position of the match	<pre>let str = "Please locate where 'locate' occurs!"; var pos = str.search("locate");</pre>
slice( )	<code>slice()</code> extracts a part of a string and returns the extracted part in a new string	<pre>let str = "Apple, Banana, Kiwi"; var res = str.slice(7, 13);</pre>
replace( )	The <code>replace()</code> method replaces a specified value with another value in a string	<pre>str = "Please visit Microsoft!"; let n = str.replace("Microsoft", "LetsUpgrade");</pre>

## Array Methods

Array Methods	Description	Examples
pop( )	The pop() method removes the last element from an array	let fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits.pop();
push( )	The push() method adds a new element to an array (at the end)	let fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits.push("Kiwi");
splice( )	The splice() method can be used to add new items to an array	let fruits = ["Banana", "Orange", "Apple", "Mango"]; fruits.splice(2, 0, "Lemon", "Kiwi");
concat( )	The concat() method creates a new array by merging (concatenating) existing arrays	let g = ["Cecilie", "Lone"]; let b = ["Emil", "Tobias", "Linus"]; let c = g.concat(b);
slice( )	The slice() method slices out a piece of an array into a new array	let fruits = ["Banana", "Orange", "Lemon", "Apple", "Mango"]; let citrus = fruits.slice(1); <div></div>