Question 1: Write a JS code which takes input from the user and logs it in the console.

<script>

var a = 2;

console.log(a);

</script>

<script>

var str = "Chetan";

console.log(str);

</script>

Question 2: Explain with examples the remaining methods of String and Array.

Methods of Array

1)concat() = Joins two or more Arrays and returns a copy of the Joined arrays.

var hege = ["Cecilie", "Lone"];  
var stale = ["Emil", "Tobias", "Linus"];  
var children = hege.concat(stale);

2)copyWithin() = Copies array element within the array, to and form specified position.

var fruits = ["Banana", "Orange", "Apple", "Mango"];  
fruits.copyWithin(2, 0);

3)entries() = Returns a key/value pair array iteration object.

var fruits = ["Banana", "Orange", "Apple", "Mango"];  
var f = fruits.entries();  
  
for (x of f) {  
  document.getElementById("demo").innerHTML += x;  
}

4)fill() = Fill the element in an array with a static value

var fruits = ["Banana", "Orange", "Apple", "Mango"];  
fruits.fill("Kiwi");

Methods of String

1. The length property returns the length of a string

var txt = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";  
var sln = txt.length;

1. The indexOf() method returns the index of (the position of) the first occurrence of a specified text in a string

var str = "Please locate where 'locate' occurs!";  
var pos = str.indexOf("locate");

1. The search() method searches a string for a specified value and returns the position of the match

var str = "Please locate where 'locate' occurs!";  
var pos = str.search("locate");

1. slice() extracts a part of a string and returns the extracted part in a new string.

var str = "Apple, Banana, Kiwi";  
var res = str.slice(7, 13);