STRING ASSIGNMENTS

```html
<!--1.write a program to find the length of given string
    (i).Input = "salman";
-->

<script>
    let input = "salman";
    let result;
    result = input.length;
    console.log("Length of given string is:", result);

</script>

<!--2.write a program to replace the keyword="programming" to keyword="language"
    (i).Input = "This is new programming";
    (ii).Output ="This is new language"
-->

<script>
    let i =  "This is new programming";
    let output = i.replace("programming", "language");
    console.log("Replaced Sentence is:",output);
</script>

<!--3.Write a program to find the index of 2 from given string.
    (i)Input:"computer"
    ouput:"m"
-->
```

```html
<script>
    let a = "computer";
    let b = a.charAt(2);
    console.log("Index of 2 is:",b);
</script>

<!--4.Write a program to split the string from
    (i)Input="Details"
    (ii)Output="eta"
-->

<script>
    let x = "Details";
    let y = x.slice(1,4);
    console.log("Sliced string is:",y);
</script>

<!--5.Convert the string into array
    (i)Input="string"
    (ii)output=["s","t","r","i","n","g"]
-->

<script>
    let A = "string";
    let B = A.split("");
    console.log("String into Array is:",B);
</script>
```

```html
<!--6.write a program to reverse the string
    (i)Input="salman"
    (ii)Output="namlas"
-->

<script>
    let X = "salman";
    let Y = X.split("").reverse().join("");
    console.log("Reverse of a given string is:", Y);
</script>

<!--7.Write a program to find palindrome in string
    (i)Input="madam"
    (ii)Ouput=true
-->

<script>
    let I = "madam";
    let O = I.split("").reverse().join("");
    if(O == I){
        console.log("true");
    }
    else{
        console.log("false");
    }
</script>
```

```html
<!--8.Write a program to find the vowels in given string
    (i)Input="salman"
    (ii) output="a","a"
-->

<script>
let m = "salman";
let vowels = ["a","e","i","o","u"];
let n = [];
for ( var o of m){
    if(vowels.includes(o)){
        n.push(o);
    }
}
console.log("vowels in a given string:",n)
</script>
```

OUTPUT

Length of given string is: 6

Replaced Sentence is: This is new language

Index of 2 is: m

Sliced string is: eta

String into Array is:
▶ (6) ['s', 't', 'r', 'i', 'n', 'g']

Reverse of a given string is: namlas

true

vowels in a given string: ▶ (2) ['a', 'a']

> |