String Methods

1.Write the code below using the join method?

Input: var fruits = ['apple','banana','orange'];

```
var fruits=['Apple','Banana','Orange'];
var result=fruits.join(",");
console.log('"'+result+'"');
```

Output : "apple,banana,orange"

Explanation:

First we have created an array of fruits.By,join method we combine all the elements in the array and convert it into a string.

2.Write the code below using the join method?

Input: var numbers=[1,2,3,4,5];

```
var numbers=[1,2,3,4,5];
var num=numbers.join("-");
console.log('"'+num+'"');
```

Output : 1-2-3-4-5

Explanation:

First we have created an array of numbers. By, join method we combine all the elements in the array and convert it into a string.

3.Write the code below using the join method?

Input: var chars = ['H','e','l','l','o'];

```
var chars=['H','e','l','l','o']
var char=chars.join('');
console.log('"'+char+'"');
```

Output: "Hello"

Explanation:

First we have created an array of characters of hello. By, join method we combine all the elements in the array and convert it into a string.

4.Write the code below using the slice method?

Input: var text: 'Javascript is awesome';

```
var text = 'JavaScript is awesome';
var te = text.slice(0,10);
console.log('"'+te+'"');
```
Output: Javascript;

Explanation:

First of all, we have created a text that is string. Now we are accessing some part of the text by slice. Slice method is used to access some part of the string by passing two arguments or parameters. Starting argument value should be less than the ending value.

5.Write the code below using the slice method?

Input: var senc="I Love learning Javascript";

```
var sentence = 'I love learning JavaScript!';
var sent = sentence.slice(7,15);
console.log('"'+sent+'"');
```

Output: "learning"

Explanation:

First of all, we have taken a sentence that is string. Now we are accessing some part of the text by slice. Slice method is used to access some part of the string by passing two arguments or parameters. Starting argument value should be less than the ending value.

6.Write the code below using the slice method?(using negative index)

 Input: var sent= "Frontend Development";

```
var text = 'Frontend Development';
var te = text.slice(-11);
console.log('"'+te+'"');
```
Output: "Development"

Explanation: First of all, we have created a text that is string. Now we are accessing some part of the text by slice. Slice method takes negative values also but starting argument value should be less than the ending value.

7.Write the code below using split method.

Input: var date = '2024-10-21';

```
var date = '2024-10-21';
console.log(date.split("-"));
```
Output: ["2024","10","21"]

Explanation:

It will split the date based on the argument passed (-) and converts into an array.

8.Write the code below using split method.

Input: var java= I love javascript programming;

```
var text = "I Love Javascript Programming";
console.log(text.split(" ",2));
```
 Output: "I love"

Explanation: It will split the text based on the argument passed ( ) and converts into an array. And we need only two values to print.

9.Write the code below using split method.

 Input: var url = https://www.example.com/path/page.html;

```
let url = "https://www.example.com/path/page.html ";
console.log(url.split("/"));
```
 Output: ["https:","","www.example.com","path","page.html"]

Explanation: It will split the url based on the argument passed (/) and converts into an array.