

## Join method :

Join method will join all the elements in the array and put it into a string.

1. Write the code below using the join method?

i/p : var fruits = ['apple','banana','orange'];

o/p : "apple,banana,orange"

```
var fruits=["apple","banana","orange"];
var z=fruits.join();
console.log(' ',z,'');
```

If we join by using join(-);

Then the output will be apple-banana-orange.

2. write the code below using the join method?

i/p: var numbers=[1,2,3,4,5];

o/p: 1-2-3-4-5

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

3. write the code below using the join method?

i/p: var chars = ['H','e','l','l','o'];

o/p: "Hello"

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

**Slice method:** this method is used to extract certain part of the text and print it. Here the two parameters starting and ending (ending parameter value is not included only before value it can be included) the starting argument is less than ending.

4. write the code below using the slice method?

i/p : var text : 'Javascript is awesome';

o/p: Javascript;

```
var text = "javascript is awesome";
var a=text.slice(0,11);
console.log(a);
```

5. write the code below using the slice method?

i/p: var senc="I Love learning Javascript";

o/p: "learning";

```
var senc="I Love learning Javascript";
var b=senc.slice(7,15);
console.log(' ',b,'');
```

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

i/p: var sent="Frontend Development";

o/p: "Development"

```
var sent="Frontend Development ";  
var b=sent.slice(-12,-1);  
console.log(b);
```

In slice method we can pass negative parameters here -1 is greater than -10 ,  
-1 means last index value -2 means from last 2nd index value.

## Split Method:

It will split entire string(or) convert string to array

7.write the code

i/p:var date = '2024-10-21';

o/p:["2024","10","21"]

```
var date='2024-10-21';  
var w=date.split("-");  
console.log(' ',w, '');
```

It is going split the data based on the arguments that we are passing in the method  
for above example we are passing - as parameter to the method

8.write the code

i/p: var java="I love javascript programming";

o/p: "I love"

```
var java = "I love javascript programming";  
var u=java.split(" ",2);  
console.log(u);
```

It will split the entire string and only print the first two words because we are mentioning how many it should print.

9.write the code

i/p: var url = "<https://www.example.com/path/page.html>";

o/p: ["https:", "", "[www.example.com](https://www.example.com/path/page.html)", "path", "page.html"]

```
var url="https://www.example.com/path.html";  
var example=url.split("/");  
console.log(example);
```

We are splitting the string based on the argument(/).it will split the entire string.