

JAVA SCRIPT TASK-4

JOIN METHOD:

Write a java script code to get like below using join method.

1.I/p:var fruits= ['Apple','Banana','Orange'];

O/p:"Apple,Banana,Orange";

Code: var fruits=["Apple","banana","orange"]

```
var a=fruits.join(",");
```

```
console.log(a);
```

Explanation: firstly, we are taking an array with values "Apple","Banana","Orange".then we are taking a variable name "a" with join () method so the output will be string with ', 'Seperator. Join method is used to converted array to string.

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

O/p:"1-2-3-4-5"

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

```
var x =numbers.join("-");
```

```
console.log(x);
```

Explanation: firstly, we are taking an array with values numbers= [1,2,3,4,5]. then we are taking a variable name "x" with join () method so the output will be string with '-' 'Seperator. Join method is used to converted array to string.

3.var chars=['H','e','l','l','o'];

O/p:"Hello"

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

```
var a=chars.join("");
```

```
console.log(a)
```

Explanation: firstly, we are taking an array with values chars=['H','e','l','l','o']. then we are taking a variable name "a" with join ("") method so the output will be string. Join method is used to converted array to string.

SLICE METHOD:

Write a java script code to get like below using slice method.

4.var text='JavaScript is awesome';

O/p:"JavaScript"

Code: var text='JavaScript is awesome';

```
console.log(text.slice(0,10));
```

Explanation: firstly, we are taking a string with values text=' JavaScript is awesome'.slice () method is used to extract a portion of a string .so here we want "JavaScript" as an output so slice (0,10) here 0 is nothing but starting index and 10 is nothing but ending index of JavaScript.

5.var sentence=' I love learning JavaScript!';

O/p:"learning"

Code: var sentence='I love learning JavaScript!';

```
console.log(sentence.slice(7,16));
```

Explanation: firstly, we are taking a string with values sentence='I love learning JavaScript'.slice () method is used to extract a portion of a string .so here we want "learning" as an output so slice (7,16) here 7 is nothing but starting index and 16 is nothing but ending index of learning.

6.var text='Frontend Development';(using negative indeces)

O/p:"Development";

Code: var text='Fronted Development';

```
console.log(text.slice(-11));
```

Explanation: firstly, we are taking a string with values text='Frontend Development'. slice () method is used to extract a portion of a string .so here we want "Development" as an output with negative index values. so, slice (-11) will print Development.

SPLIT METHOD:

Write a java script code to get like below using split method.

7.var date='2024-10-21';

O/p:"2024","10","21"]

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

```
console.log(date.split("-"));
```

Explanation: firstly, we are taking a string with values date='2024-10-21'. In this we are used split () method with separator (" - ") so the output will be array. split () method is used to converted string to array.

8. var text = 'I love JavaScript programming';

O/p: ["I" , "love"]

Code: var text = "I love JavaScript programming";

```
console.log(text.split(" ", 2))
```

Explanation: firstly, we are taking a string with values text = 'I love JavaScript programming'. In this we are used split () method with separator (" ") and limit is 2 so the output will be array. split () method is used to converted string to array.

9. let url = 'https://www.example.com/path/page.html';

O/p: ["https:", "/", "www.example.com", "/", "path", "/", "page.html"]

Code: let url = "https://www.example.com/path/page.html";

```
console.log(url.split("/"));
```

Explanation: firstly, we are taking a string with value url = 'https://www.example.com/path/page.html'. In this we are used split () method with separator ("/") so the output will be array. split () method is used to converted string to array.