

```
var a = ['apple','banana','orange'];
//console.log(a.toString())
var x=a.join(" , ")
console.log('' , x, '')
```

Output:

" apple,banana,orange "

Explanation:the join method was convert the array to string.here we can define the (a =[]) A was an array; the join method was converted to the array to string by using join(" ").

2.

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

Output:

" 1-2-3-4-5 "

explanation:the join method was to convert the array to string.here we can define the (numbers =[]) numbers as an array; the join method was converted to the array to string by using join("- ").the (" - ") was separate the each string

3.

```
var char = ['H','E','L','L','O'];
var result = char.join('').toLowerCase();
console.log('' , result , '')
```

Output:

" hello "

Explanation:in the char was an array.the join method can be converted into a string and combined into a single string.the toLowerCase can convert the upper letters to lower letters.

4.

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

Output

" javascript "

Explanation:we can denoted text was a string and by using slice method what can we what that should be print on the output by using the index numbers.Here slice(0,11).0 was a starting of the index and 11 was a ending of the index numbers .by using this parameters the output was javascript.

5.

```
var sentence ="i love learning javascript";
var result = sentence.slice(7,15);
console.log('' , result, '')
```

Output:

" learning "

Explanation:we can denoted sentence was a string and by using slice method what can we what that should be print on the output by using the index numbers.Here slice(7,15).7 was a starting of the index and 15 was a ending of the index numbers .by using this parameters the output was learning..

6.

```
var text = "frontend development ";  
var result = text.slice(-12,-1);  
console.log(' ',result,' ')
```

Output:

" development "

Explanation:we can denoted text was a string and by using slice method what can we what that should be print on the output by using the negative index numbers.Here slice(-12,-1).-12 was a starting of the index and -1 was an ending of the index numbers. By applying negative index numbers should be started with the -1.By using these parameters the output was development.

7.

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

Output:

['2024', '10', '21']

Explanation:in the above program date can be denoted as a string.by using the split method we can convert the string to array.then split("-") can be convert the sub-strings to array where the - takes place

8.

```
var text = "i love javascript programming";  
console.log(text.split(" ",2));
```

Output

['i', 'love']

Explanation:in the above program text can be denoted as a string.by using the split method we can convert the string to array.then split(" ",2) can be convert the string to array.In the " " Empty space can have it would be convert the substring and the value can be denote the index of the strings

9.

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

Output:

['https:', '', 'www.example.com', 'path', 'page.html']

Explanation: In this we assigned an url to string url, We broke this url into substrings by using the method split("/"). This "/" breaks the url into substrings

