

Document using join,slice and split

1.Join Method

1.What will be the output of this code?

Input: `var fruits = ['Apple', 'Banana', 'Orange']`
`console.log(fruits.join())`

Output: Apple,Banana,Orange

Explanation: Initially here we taken an array fruits with some values after that we print console.log of fruits with the help of join to convert array to string.

2.What will be the output of this code?

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

Output: 1-2-3-4-5

Explanation: Initially here we taken an array numbers with some values after that we print the console.log of numbers with the help of join method to add hyphen between the values as shown in output.

3.What will be the output of this code?

Input: `var chars = ['H', 'e', 'l', 'l', 'o']`
`console.log(chars.join(""))`

Output: Hello

Explanation: Initially here we taken an array chars with some values after that we print the console.log of chars with the help of join method to add quotes to every value as shown in output.

2.Slice Method

1.What will be the output of this code?

Input: `var text = 'JavaScript is awesome'`

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

Output: JavaScript

Explanation: Here we taken an string with string name as text then to print a piece of text from statement we use slice method along with string name and in parenthesis we need to mention the start and ending index of the particular text that u want to print i.e console.log(text.slice(0,10)).then u will get output as JavaScript.

2.What will be the output of this code?

Input: var sentence = 'I love learning JavaScript!'

```
console.log(sentence.slice(7,15))
```

Output: learning

Explanation: Here we taken an string with string name as sentence then to print a piece of text from statement we use slice method along with string name and in parenthesis we need to mention the start and ending index of the particular text that u want to print i.e console.log(text.slice(7,15)).then u will get output as learning.

3.What will be the output of this code?

Input: var text1 = 'Frontend Development'

```
console.log(text1.slice(-11))
```

Output: Development

Explanation: Here we taken an string with string name as text1 then to print a piece of text from statement we use slice method along with string name and in parenthesis we need to mention the start and ending index of the particular text that u want to print.here we used the negative index means count start in reverse order i.e console.log(text.slice(-11)).then u will get output as Development.

3.Split Method

1.What will be the output of this code?

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

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

Output: `['2024', '10', '21']`

Explanation: Here first we taken a string with string name as date and then to convert string to an array we used the split along with string name in open split parenthesis we need to mention hyphen to remove the hyphens present in string.

2.What will be the output of this code?

Input: `var texts = 'I love JavaScript Programming'`

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

Output: `['I', 'love']`

Explanation: Initially we taken a string with name texts,to print particular piece from that string we use split method .It initially converts string to an array by giving double quotes in parenthesis and specify the length of array,here we specified 2 so two array values are printed i.e I love.

3.What will be the output of this code?

Input: `var texts = 'I love JavaScript Programming'`

`var x = texts.split(" ")`

`console.log(x[3])`

Output: Programming

Explanation: Initially we taken a string with name texts ,to print particular piece from that string we use split method and we assigned it to other variable called x .It initially converts string to an array by giving double quotes in parenthesis after that we used console.log(x[3]) to print particular array value using its index.

4.What will be the output of this code?

Input: `var url = "https://fakestoreapi.com/products"`
`console.log(url.split("/"))`

Output: ['https:', '', 'fakestoreapi.com', 'products']

Explanation: Initially we taken a string with name url ,to print total string except double slashes we use split method.It initially converts string to an array by giving double quotes in paranthesis after that we specified slash in penthesito print particular array value using its index.