Task4

//join method

explanation: - `join()` method joins all elements of an array into a string, using a specified separator.

1.var arr=['Apple', 'Banana', 'Orange'];

c=arr.join()

console.log('"',c,'"')

output: " Apple,Banana,Orange "

2.var numb=[1,2,3,4,5];

console.log(numb.join("-"))

output; 1-2-3-4-5

3.var char=['H', 'E', 'L', 'L', 'O'];

console.log(char.join(""))

output:HELLO

//slice method

Explanation: slice()` method returns a shallow copy of a portion of an array into a new array object selected from `start` to `end` (end not included).

var text='javascript is awesome';

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

OUTPUT: javacript

var text='i love learning js';

console.log(text.slice(7,15))

output: learning

var text='fullstack development';

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

output: development

//spilt method

Explanation: values takes into a pattern and divides string into an ordered list of substring by searching of pattern puts these substring into an array and returns the array

var date='2024-10-21'

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

output; ["2024","10","21"]

var x='i love js programming'

console.log(x.split(" ", 2))

output:["i","love"]

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

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

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