1)

const obj={

test:"one",

fn:function(){

return this.test;

},

fn2: () => {

return this.test;

}

};

console.log(obj.fn());

console.log(obj.fn2());

Answer: one,undefined

2) Given numAr=[4, 6, 8, 11, 13];

Create an array in which every element of the numAr is incremented by 5.

Create an array in which all the elements of numAr is less than or equal to 7.

Answer:

1) const numAr= [4, 6, 8, 11, 13];

numAr.forEach((num,index) =>{

numAr[index]=num+5;

});

console.log(numAr);

2) var i;

const arr = [5];

count=2;

numAr = [4, 6, 8, 11, 13];

for(i=0;i<5;i++){

arr[i]=numAr[i]-count;

count=count+2;

}

console.log(arr);

Output:

1) [ 9, 11, 13, 16, 18 ]

2)[ 2, 2, 2, 3, 3 ]

3) Convert const str = "mississippi" into an array of characters using either rest or spread operator which ever is suitable.

Answer:

const str = "mississipi";

const[...arr]=str;

console.log(arr);

Output:

[ 'm', 'i', 's', 's', 'i', 's', 's', 'i', 'p', 'i' ]

4) Ouput of the folowing

const props =

{ id: 1, name: 'Fizz'}

const { name } = props;

console.log(name);

Answer: Fizz

5) let arr = [ 3, 5, 1];

let arr2 = [8, 9, 15];

Using these 2 arrays construct another array with elements from these arrays and additionally have nos 100, 110, 121.

Answer:

let arr = [ 3, 5, 1];

let arr2 = [8, 9, 15];

arr.push.apply(arr,arr2);

arr.push(100,110,121)

console.log(arr)

Output:

[ 3, 5, 1, 8, 9, 15, 100, 110, 121 ]

6) Explore about api, json in javascript.

7) Convert function normalFunction(a, b){

const c = a\*b;

return c;

}

into an arrow function

Answer:const fun = (a,b) => {

const c=a\*b;

return c;

}

8) Write code to loop through the following object:

const studentObj = {

name: "Student1",

rollNo: 11,

institute: "Vnurture"

}

Answer:

const studentObj = {

name: "Student1",

rollNo: 11,

institute: "Vnurture"

};

for(const key in studentObj){

console.log(`${key}: ${studentObj[key]}`);

}

Output:

name: Student1

rollNo: 11

institute: Vnurture

9) Create a simple webpage, add a paragraph with some text content to it and print the value of it on console using id in javascript.

Answer:

<script type="text/javascript">

var p=document.getElementById('para').textContent;

console.log(p);

</script>

10)What is the best way to import css in a html file?

Answer: Using Link tag.

<link rel="stylesheet" href="style.css">