JAVASCRIPT Functions:

**1) concat**

**CODE:**

var arr1=[1,2,3,4,5];

var arr2=[6,7,8,9,10];

console.log(arr1.concat(arr2));

**OUTPUT:**

**[**1,2,3,4,5,6,7,8,9,10**]**

**2) every**

**CODE:**

var arr=[2,4,6,8,10];

var val1=arr.every((elem)=>{

return elem%2===0;

});

console.log(val1);

var val2=arr.every((elem)=>{

return elem%2!==0;

});

console.log(val2);

**OUTPUT:**

true

false

**3) filter**

var arr=[1,2,3,4,5,6];

var new\_arr=arr.filter((elem)=>{

return elem%2===0;

});

console.log(new\_arr);

**OUTPUT:**

[2,4,6]

**4) forEach**

var sum=0;

var arr=[1,2,3,4,5,6,7,8];

arr.forEach((elem)=>{

sum+=elem;

});

console.log(sum);

**OUTPUT:**

**36**

**5) indexOf**

var arr=["apple","mango","banana","other"];

console.log(arr.indexOf("other"));

**OUTPUT:**

**3**

**6) join**

var arr=["I","am","Learning"];

console.log(arr.join(" "));

**OUTPUT:**

**I am Learning**

**7) lastIndexOf**

var arr=["apple","banana","apple","apple","mango","other"];

console.log(arr.lastIndexOf("apple"));

**OUTPUT:**

**3**

**8) map**

var arr=[1,2,3,4,5,6]

var new\_arr=arr.map((elem)=>{

return elem\*10;

});

**OUTPUT:**

**[10,20,30,40,50,60]**

**9) pop**

var arr=[1,2,3,4,5,6]

console.log(arr.pop());

console.log(arr);

**OUTPUT:**

**6**

**[1,2,3,4,5]**

**10) push**

var arr=[1,2,3,4,5];

arr.push(6);

console.log(arr);

**OUTPUT:**

[1,2,3,4,5,6]

**11) reduce**

var arr=[1,2,3,4];

var num=arr.reduce((total,elem)=>{

return total+elem;

});

console.log(num);

**OUTPUT:**

**10**

**12) reduceRight**

var arr=[1,2,3,12];

var num=arr.reduceRight((total,elem)=>{

return total-elem;

});

console.log(num);

**OUTPUT:**

**6**

**13) reverse**

var arr=[1,2,3,4,5];

console.log(arr.reverse());

**OUTPUT:**

**[5,4,3,2,1]**

**14) shift**

var arr=[1,2,3,4,5,6]

console.log(arr.shift());

console.log(arr);

**OUTPUT:**

**1**

**[2,3,4,5,6]**

**15) slice**

var arr=[1,2,3,4,5,6]

console.log(arr.slice(1,4));

**OUTPUT:**

**[2,3,4]**

**16) some**

var arr=[1,2,3,4,5,6];

var val=arr.some((elem)=>{

return elem===2;

})

console.log(val);

**OUTPUT:**

**true**

**17) toSource**

function Flat(name, jobtitle, born)

{

this.name = name;

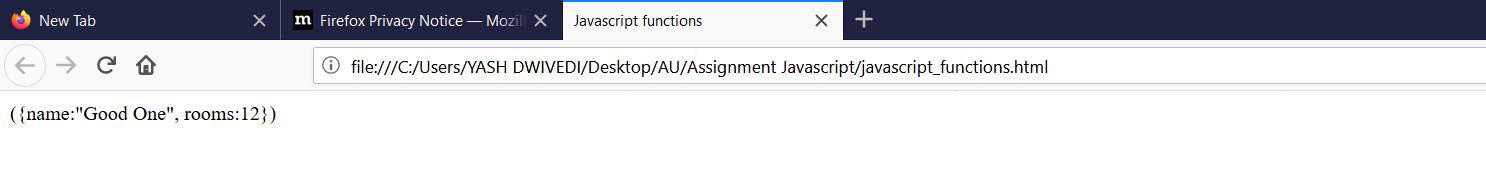
this.rooms = jobtitle;

}

var new\_flat = new Flat("Good One", 12);

document.write(new\_flat.toSource());

**OUTPUT:**



**18) sort**

var arr1=["kiwi","banana","apple","mango"];

arr1.sort();

console.log(arr1);

var arr2=[4,3,5,6,7,1,2];

arr2.sort((a,b)=>{

return a-b;

});

console.log(arr2);

**OUTPUT:**

**[“apple”,”banana”,”kiwi”,”mango”]**

**[1,2,3,4,5,6,7]**

**19) splice**

var arr=[1,2,3,4,5,6,7,8,9,10];

arr.splice(3,2,100,101);

console.log(arr);

**OUTPUT:**

**[1,2,3,100,101,6,7,8,9,10]**

**20) toString**

var arr=["kiwi","banana","apple","mango"];

console.log(arr.toString());

**OUTPUT:**

**kiwi,banana,apple,mango**

**21) unshift**

var arr=[1,2,3,4]

arr.unshift(5);

console.log(arr);

**OUTPUT:**

**[5,1,2,3,4]**