

Arrays and Objects

1. Write a java script code to add an element to the end of an array using the push method. Example: [1,2,3] → [1,2,3,4]

```
var arr=[1,2,3]
arr.push(4)
console.log(arr);
```

Explanation:

First, we are assigning values to an array. Now by using push method we are adding a value to the array. It adds element at the end of array.

Output: [1,2,3,4].

2. Write a java script code to remove an element from an array using the pop method. Example: [1,2,3,4] → [1,2,3];

```
var arr1= [1,2,3,4]
arr1.pop ()
console.log(arr1);
```

Explanation:

First, we are assigning values to an array. Now by using pop method we are removing a value from the array. It removes element at the end of array.

Output: [1,2,3];

3. Write java script code to add an element to the beginning of an array using the unshift method.

Example: [2,3,4] → [1,2,3,4];

```
var arr2= [2,3,4]
arr2.unshift(1)
console.log(arr2);
```

Explanation:

First, we are assigning values to an array. Now by using unshift method we are adding a value to the array. It adds element at the start of array.

Output: [1,2,3,4];

4. Write java script code to remove the first element from an array using shift method. Example: [1,2,3,4] → [2,3,4];

```
var arr3= [1,2,3,4]
arr3.shift()
console.log(arr3);
```

Explanation:

First, we are assigning values to an array. Now by using shift method we are removing a value to the array. It removes element at the start of array.

Output: [2,3,4];

5. Write java script code to convert an array into a string using the join method?

Example: [1,2,3] —> “123”.

```
var arr4= [1,2,3]  
console.log (arr4.join(""));
```

Explanation:

First, we are assigning values to an array. Now by using join method we are converting array to string.

Output: “123”.

1. What will be the output of [1,2,3,4]. pop()?

Output: [1,2,3];

When we perform a pop method, the last element will be removed from the end of an array. so the remaining elements will be printed as output.

2. What will be the output of [1,2,3]. push(4)?

Output: [1,2,3,4];

When we perform a push method the element will be added to the last of an array.

3. what will be the output of [1,2,3,4]. shift()?

Output: [2,3,4];

When we perform a shift method the element will be removed from the starting of an array.

4. what will be the output of [2,3,4]. unshift(1)?

Output:: [1,2,3,4];

When we perform an unshift method the element will be added starting of an array in unshift method we can pass multiple values it can accept it and add to the starting of an array.

5. what will be the output of [1,2,3]. join(“”);?

Output:: 1 2 3

When we perform join () method we are converting array to string.