

Array and Objects

- **Write a JavaScript code to add an element to the end of an array using push method?**

Ex:[1,2,3]---->[1,2,3,4]

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

O/P: [1, 2, 3, 4]

Explanation: Here at first, we are assigning values to array. And then we add one more value at the end of array by using push method. So, the output is [1,2,3,4].

- **Write a JavaScript code to remove last element from an array using the pop method?**

Ex:[1,2,3,4]-----> [1,2,3]

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

O/P: [1,2,3]

Explanation: Here at first, we are assigning values to array. And then we remove one value at the end of array by using pop method. So, the output is [1,2,3].

- **Write a JavaScript code to add an element at the beginning of an array using unshift method?**

Ex:[2,3,4]--->[1,2,3,4];

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

O/P: [1,2,3,4]

Explanation: Here at first, we are assigning values to array. And then we add one more value at the beginning of array by using unshift method. So, the output is [1,2,3,4].

- **Write a JavaScript code to remove the first element from an array using the shift method?**

Ex: [1,2,3,4] --->[2,3,4]

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

output: [2,3,4]

Explanation: Here at first, we are assigning values to array. And then we remove one value at the beginning of array this can be done by using shift method. So, the output is [2,3,4].

- **Write a JavaScript to convert an array into a string using the join method?**

Ex: [1,2,3] --->"123"

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

output: 123

Explanation: To covert an array into a string we use the join method.

Choose the correct Answers

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

- A) [1,2,3,4]
- B) [1,2,3]
- c) [2,3,4]
- D) Error

Solution:

B[1,2,3]

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

- A) [1,2,3];
- B)[1,2,3,4];
- c) [4,1,2,3];
- D)Error

Solution:

B[1,2,3,4]

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

A)[1,2,3,4]

B)[2,3,4]

C)[1,2,3]

D>Error

Solution:

B[2,3,4]

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

A)[2,3,4]

B)[1,2,3,4]

C)[1,3,4]

D>Error

Solution:

B[1,2,3,4]

5. What will be output of [1,2,3]. join("")?

A)123

B)[1,2,3]

C)[1,3,4]

D>Error

Solution:

A 123