

DOCUMENT

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

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

Output: [1, 2, 3, 4]

```
let array = [1, 2, 3];
```

```
array. Push (4);
```

```
console.log(array); [1, 2, 3,4]
```

Explanation: We start with an array containing [1, 2, 3]. The push method adds the element 4 to the end of the array. Finally, we log the updated array, which is now [1, 2, 3, 4].

2)write a JavaScript code to remove the last element from an array using the pop method?

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

Output : [1, 2, 3]

```
let array = [1, 2, 3,4];
```

```
array. Pop ();
```

```
console.log(array); [1, 2, 3]
```

Explanation: We start with an array containing [1, 2, 3, 4]. The pop method removes the last element (4) from the array. Finally, we log the updated array, which is now [1, 2, 3].

3)write a JavaScript code to add an element to the beginning of an array using the unshift method?

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

Output: [1, 2, 3, 4]

```
let array = [2, 3, 4];
```

```
array. Unshift (1);
```

```
console.log(array); [1, 2, 3, 4]
```

Explanation: We start with an array containing [2, 3, 4]. The unshift method adds the element 1 to the beginning of the array. Finally, we got the updated array, which is now [1, 2, 3, 4].

4)write a JavaScript code to remove the first element from an array using the shift method?

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

Output: [2, 3, 4]

```
let array = [1, 2, 3, 4];
```

```
array. Shift ();
```

```
console.log(array); [2, 3, 4]
```

Explanation: We start with an array containing [1, 2, 3, 4]. The shift method removes the first element (1) from the array. Finally, we log the updated array, which is now [2, 3, 4].

5)write a JavaScript code to convert an array into a string using join method?

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

Output: "123"

```
let array = [1, 2, 3];
```

```
let result = array. Join ("");
```

```
console.log(result); "123"
```

Explanation: We start with an array containing [1, 2, 3]. The join ("") method concatenates the array elements into a single string without any separators. Finally, we log the resulting string, which is "123".

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

A) [1,2,3,4]

B) [1,2,3]

C) [2,3,4]

D)Error

Output: B) [1, 2, 3]

Explanation: The pop () method removes the last element from the array, which is 4 in this case. It returns the modified array after the last element is removed, so the result is [1, 2, 3].

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

A) [1,2,3]

B) [1,2,3,4]

C) [4,1,2,3}

D)Error

Output:)B [1, 2, 3, 4]

Explanation: The push (4) method adds the element 4 to the end of the array [1, 2, 3]. After executing the method, the array is modified to [1, 2, 3, 4].

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

A) [1,2,3,4]

B) [2,3,4]

C) [1,2,3}

D)Error

Output) [2, 3, 4]

Explanation: The shift () method removes the first element from the array, which is 1 in this case. It returns the modified array after the first element is removed, resulting in [2, 3, 4].

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

A) [2,3,4]

B) [1,2,3,4]

C) [1,3,4}

D)Error

Output: B) [1, 2, 3, 4]

Explanation: The unshift (1) method adds the element 1 to the beginning of the array [2, 3, 4]. After executing the method, the array is modified to [1, 2, 3, 4].

10) what will be the output of [1,2,3]. join ("")?

A) 123

B) [1,2,3]

C) 1 2 3

D)Error

Output: A) 123

Explanation: The join ("") method concatenates the elements of the array [1, 2, 3] into a single string without any separators. Since the separator is an empty string (""), the elements are combined directly next to each other. The resulting output is the string "123".