

Task

1. 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

Explanation: The `pop()` method removes the last element from the array and returns it. So, the original array becomes `[1, 2, 3]` after the operation, and the popped value (4) is not shown in the result.

2 . 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

Explanation: The `push()` method adds the specified element (in this case, 4) to the end of the array and returns the new length of the array. The array itself is modified to include the new element.

3 . 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 : B

Explanation: The `shift()` method removes the first element from the array and returns it. After the operation, the array will be modified to `[2, 3, 4]`. The removed element (1) is not shown in the result.

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

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

Output: B

Explanation: The `unshift()` method adds the specified element (in this case, 1) to the beginning of the array and returns the new length of the array. The modified array becomes `[1, 2, 3, 4]`.

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

Task

- A) 123
- B) [1,2,3]
- C) 1 2 3
- D) Error

Output: C

Explation: The join() method combines the elements of the array into a single string, separated by the specified string (in this case, a space).