



```
1 1. Write a JavaScript code to add an element to the end of an array using the Push method.  
2 Example: [1,2,3] -> [ 1, 2, 3, 4 ]  
3 Ans  
4     var arr1=[1,2,3];  
5     arr1.push(4);  
6     console.log(arr1); //output-- [ 1, 2, 3, 4 ]
```

**var arr1=[1,2,3];**

- Here we are declaring the variable with an array

**arr1.push(4);**

- Here we are using push method to add the last element in the array

**console.log(arr1); //output-- [ 1, 2, 3, 4 ]**

- after push method called array we log the variable to get output as [1, 2, 3, 4 ]



```
1 2. Write a JavaScript code to remove the last element from an array using the Pop method.  
2 Example: [1,2,3,4] -> [ 1, 2, 3 ]  
3 Ans:  
4     var arr2=[1,2,3,4];  
5     arr2.pop();  
6     console.log(arr2); //output-- [ 1, 2, 3 ]
```

**var arr2=[1,2,3,4];**

- Here we are declaring the variable with an array

**arr2.pop();**

- Here we are using pop method to remove the last element in the array

**console.log(arr2); //output-- [ 1, 2, 3 ]**

- after pop method called array we log the variable to get output as [ 1, 2, 3 ]

```
1 3. Write a JavaScript code to add an element to the beginning of an array using the Unshift method.
2 Example: [2,3,4] -> [ 1, 2, 3, 4 ]
3 Ans:
4     var arr3=[2,3,4];
5     arr3.unshift(1);
6     console.log(arr3); //output-- [ 1, 2, 3, 4 ]
```

**var arr3=[2,3,4];**

- Here we are declaring the variable with an array

**arr3.unshift(1);**

- Here we are using unshift method to add the element in first in the array

**console.log(arr3); //output-- [ 1, 2, 3, 4 ]**

- after unshift method called array we log the variable to get output as [ 1, 2, 3, 4 ]

```
1 4. Write a JavaScript code to remove the first element from an array using the Shift method.
2 Example: [1,2,3,4] -> [ 2, 3, 4 ]
3 Ans:
4     var arr4=[1,2,3,4];
5     arr4.shift();
6     console.log(arr4); //output-- [ 2, 3, 4 ]
```

**var arr4=[1,2,3,4];**

- Here we are declaring the variable with an array

**arr4.shift();**

- Here we are using shift method to remove the first element in the array

**console.log(arr4); //output-- [ 2, 3, 4 ]**

- after shift method called array we log the variable to get output as [ 2, 3, 4 ]



```
1 5. Write a JavaScript code to convert an array into a string using the Join method.  
2 Example: [1,2,3] -> "123"  
3 Ans:  
4     var arr5=[1,2,3,4];  
5     let x=arr5.join('');  
6     console.log(x); //output--"1234"
```

**var arr5=[1,2,3,4];**

- Here we have declared the array

**let x=arr5.join("");**

- we are calling array by the join method. The Join method concatenates all elements of the array into a single string. By passing an empty string "" as the argument to join, it indicates that there should be no characters placed between the elements when they are combined.

**console.log(x); //output--"1234"**

- when we log x1 variable it gives concated elements of array in form of single string

## Choose the correct Answer



```
1 1. What will be the output of [1,2,3,4].pop() ? Ans[B]  
2  
3 A) [1, 2, 3, 4]  
4 B) [1, 2, 3]  
5 C) [2, 3, 4]  
6 D) Error
```

```
var ar1=[1,2,3,4];
```

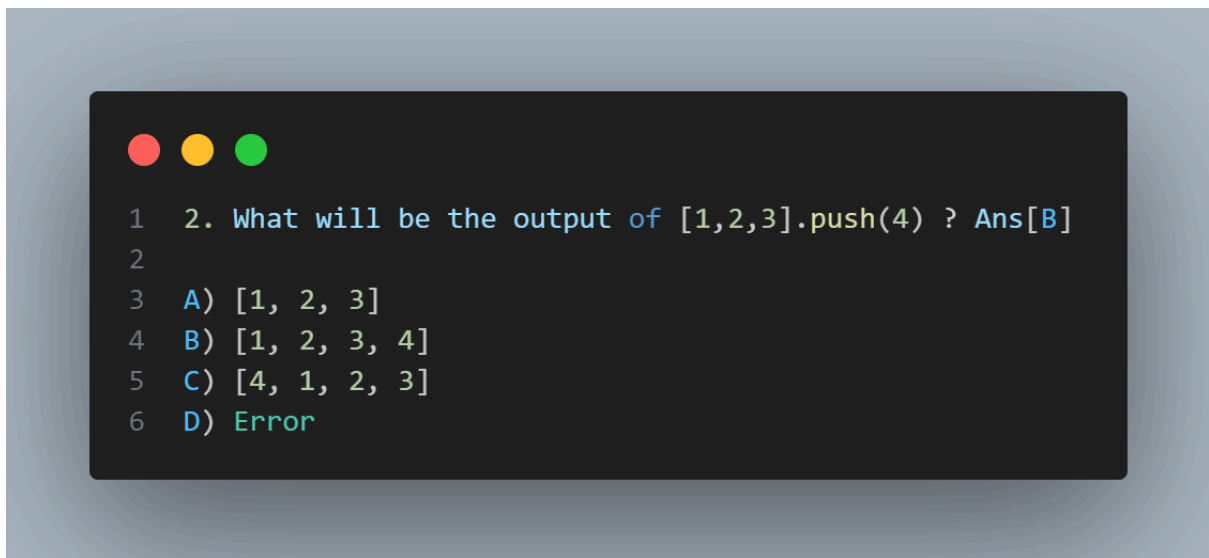
- Here we are declaring the variable with an array

```
ar1.pop();
```

- Here we are using pop method to remove the last element in the array

```
console.log(ar1); //output-- [ 1, 2, 3 ]
```

- after pop method called array we log the variable to get output as [ 1, 2, 3 ]



```
var ar2=[1,2,3];
```

- Here we are declaring the variable with an array

```
ar2.push(4);
```

- Here we are using push method to add the last element in the array

```
console.log(ar2); //output-- [1, 2, 3, 4 ]
```

- after push method called array we log the variable to get output as [1, 2, 3, 4 ]



```
1 3. What will be the output of [1,2,3,4].shift() ? Ans[B]
2
3 A) [1, 2, 3, 4]
4 B) [2, 3, 4]
5 C) [1,2,3]
6 D) Error
```

```
var ar3=[1,2,3,4];
```

- Here we are declaring the variable with an array

```
ar3.shift();
```

- Here we are using shift method to remove the first element in the array

```
console.log(ar3);//output-- [ 2, 3, 4 ]
```

- after shift method called array we log the variable to get output as [ 2, 3, 4 ]



```
1 4. What will be the output of [2,3,4].unshift(1) ? Ans[B]
2
3 A) [2, 3, 4]
4 B) [1, 2, 3, 4]
5 C) [1, 3, 4]
6 D) Error
```

```
var ar4=[2,3,4];
```

- Here we are declaring the variable with an array

**ar4.unshift(1);**

- Here we are using unshift method to add the element in first in the array

**console.log(ar4); //output-- [1, 2, 3, 4 ]**

- after unshift method called array we log the variable to get output as [ 1, 2, 3, 4 ]



```
1  5. What will be the output of [1,2,3].join("") ? Ans[A]
2
3  // A) 123
4  // B) [1, 2, 3]
5  // C) 1 2 3
6  // D) Error
```

**var arr6=[1,2,3];**

- Here we have declared the array

**var x1 = arr6.join("");**

- we are calling array by the join method. The Join method concatenates all elements of the array into a single string. By passing an empty string "" as the argument to join, it indicates that there should be no characters placed between the elements when they are combined.

**console.log(x1); //output-- "123"**

- when we log x1 variable it gives concated elements of array in form of single string