### 1️⃣ Add & Remove From End

```
let fruits = ["apple", "banana"];
```
- Add `"orange"` to the end.

- Remove the last element.

- What is the final array?

---

### 2️⃣ Add & Remove From Beginning

```
let numbers = [2, 3, 4];
```
- Add `1` to the beginning.

- Remove the first element.

- What is the final array?

---

### 3️⃣ Find Position

```
let colors = ["red", "blue", "green", "yellow"];
```
- Find the index of `"green"`.

- Find the index of `"purple"` (what will it return?)

---

# 🟡 Intermediate Level

### 4️⃣ Shopping Cart Simulation

```
let cart = ["milk", "bread"];
```
- Add `"eggs"` to the cart.

- Add `"butter"` to the beginning.

- Remove the last item.

- Find the index of `"milk"`.

👉 What does the cart look like at the end?

---

### 5️⃣ Undo Feature (Stack Concept)

```
let actions = [];
```
- User performs: `"login"`, `"view page"`, `"logout"`

- Add them properly.

- User clicks undo → remove last action.

- What remains in the array?

---

## 6 Queue Simulation (Line System)

```
let queue = ["Person1", "Person2"];
```
- New person joins at the end.

- First person leaves.

- Another person joins at the beginning (VIP).

- What is the final queue?

---

# 🔵 Challenge Level

## 7 Remove Specific Element Using indexOf

```
let animals = ["cat", "dog", "lion", "dog"];
```
- Remove the first `"dog"` using `indexOf()` and another array method.

- What does the array become?

---

## 8 Check & Add If Not Exists

```
let users = ["Alice", "Bob"];
```
Write logic:

- If `"Charlie"` is NOT in the array, add it.

- If `"Alice"` is in the array, remove the last user.

What is the final array?

---

## 9 Predict the Output

```
let arr = [10, 20, 30];
arr.push(40);
arr.shift();
arr.unshift(5);
arr.pop();
console.log(arr);
```