

### Assignment:

#### Task 1: Modify Array Elements & Length

##### Instructions:

Create an array of fruits (e.g., ["apple", "banana", "orange"]).

Use the following methods and log the updated array after each operation:

`push()` to add a new fruit.

`pop()` to remove the last fruit.

`shift()` to remove the first fruit.

`unshift()` to add a new fruit to the beginning of the array.

#### Task 2: Filter and Map Array Elements

##### Instructions:

Create an array of numbers (e.g., [1, 2, 3, 4, 5, 6]).

Use `filter()` to create a new array containing only even numbers.

Use `map()` on the filtered array to calculate the square of each number.

Log both the filtered array and the mapped array.