**Array Manipulation Activity – Beginner Level**

1. Add "Mango" to the end of the fruits array:  
   let fruits = ["Apple", "Banana"];
2. Remove the last item from this array:  
   let colors = ["Red", "Green", "Blue"];
3. Remove the first element from this array:  
   let cities = ["Delhi", "Mumbai", "Kolkata"];
4. Add "Chennai" at the beginning of the cities array:  
   let cities = ["Delhi", "Mumbai"];
5. Replace "Banana" with "Grapes" in this array:  
   let fruits = ["Apple", "Banana", "Orange"];
6. Remove 2 elements starting from index 1 in this array:  
   let numbers = [10, 20, 30, 40, 50];
7. Add "Peach" and "Kiwi" at index 2 without removing any items:  
   let fruits = ["Apple", "Banana", "Orange"];
8. Create a new array from index 1 to 3 (excluding index 3):  
   let colors = ["Red", "Green", "Blue", "Yellow"];
9. Combine the following two arrays into one:  
   let a = [1, 2];  
   let b = [3, 4];
10. Convert this array into a string separated by -:  
    let fruits = ["Apple", "Banana", "Cherry"];
11. Reverse the following array:  
    let arr = [1, 2, 3, 4];
12. Sort this array in ascending order:  
    let nums = [20, 5, 100, 10];
13. Check if "Pen" exists in this array:  
    let items = ["Pencil", "Pen", "Eraser"];
14. Find the index of "Blue" in this array:  
    let colors = ["Red", "Green", "Blue"];

**Array Manipulation Activity – Intermediate Level**

1. You have a list of student names. Add a new student at the beginning and remove the last student from the array.
2. Combine two arrays: one for boys and one for girls, and sort the combined list alphabetically.
3. Given an array of marks [65, 85, 45, 90, 70], remove the lowest mark and add a new mark 88 at the end.
4. From this array ["Math", "English", "Science", "History"], remove "English" and replace it with "Computer" using splice().
5. Take the array ["Sun", "Mon", "Tue", "Wed", "Thu", "Fri", "Sat"] and extract weekdays only using slice().
6. Reverse the array of characters ["a", "b", "c", "d"] and then add "z" at the start of the reversed array.
7. You have an array ["pen", "pencil", "scale", "eraser"]. Check whether "sharpener" is included or not, and if not, add it to the end.
8. You have two arrays of numbers: [2, 4, 6] and [1, 3, 5]. Merge them and sort in **descending** order.
9. A user entered duplicate items: ["apple", "banana", "apple", "orange"]. Remove the second "apple" using indexOf() and splice().
10. Take an array of five numbers. Remove the middle element and insert "deleted" in its place.
11. You are given an array of strings: ["login", "signup", "dashboard", "logout"]. Find the index of "dashboard" and remove it.
12. Split the array [100, 200, 300, 400, 500, 600] into two equal parts using slice().
13. Add "First" to the beginning and "Last" to the end of the array: ["Middle1", "Middle2"], then join the array into a single string separated by >.
14. A player scores list is [30, 40, 20, 50]. Use splice() to insert a new score 35 between 30 and 40.