

# JavaScript Practice Sheet # 2

(LOOP, IF-ELSE, ARRAY )

## Task 1: Filter Even Numbers

Create an array of numbers. Write a program that uses a loop to filter out even numbers and stores them in a new array. Then, display the new array.

## Task 2: Sum of Odd Numbers

Given an array of numbers, calculate the sum of all odd numbers using a loop and display the result.

## Task 3: FizzBuzz

Write a program that prints numbers from 1 to 100. For multiples of 3, print "Fizz" instead of the number. For multiples of 5, print "Buzz." For numbers that are multiples of both 3 and 5, print "FizzBuzz."

## Task 4: Count Characters

Given an array of words (strings), write a program to count and display the total number of characters (letters) in all the words combined.

## Task 5: Find Maximum Length Word

Create an array of words (strings). Write a program to find and display the word with the maximum length from the array. Use a loop and an if-else statement.

## Task 6: Remove Short Words

Given an array of words (strings), write a program to remove words with fewer than three characters from the array using a loop and if-else statements.

### **Task 7: Multiplication table**

Take a number from the user and create a multiplication table for the given number N. Use a loop to display a table from 1 to 10 for that number.

### **Task 8: Array Sorting**

Create an array of numbers. Write a program to sort the numbers in ascending order using a loop and if-else statements. Display the sorted array.

### **Task 9: Search and Replace**

Create an array of strings. Write a program that allows the user to search for a specific word within the array. If the word is found, replace it with a new word provided by the user. Display the updated array. use loop and if-else statement.

### **Task 12: Unique Values**

Given an array of numbers, write a program that identifies and displays all unique values (values that occur only once) in the array using a loop and an if-else statement.

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