

1. Sum of Array Elements:

Write a function that takes an array of numbers as input and returns the sum of all the elements.

2. Find Maximum Value:

Create a function that finds and returns the maximum value in an array of numbers.

3. Filter Even Numbers:

Write a function that takes an array of numbers and returns a new array containing only the even numbers.

4. Reverse String:

Implement a function that reverses a given string using loops.

5. Check Prime Numbers:

Create a function that determines if a given number is prime. The function should return true for prime numbers and false for non-prime numbers.

6. Remove Duplicates:

Write a function that takes an array as input and returns a new array with duplicate elements removed.

7. FizzBuzz:

Implement the classic FizzBuzz problem. Loop through numbers from 1 to 100. If a number is divisible by 3, print "Fizz"; if it's divisible by 5, print "Buzz"; if it's divisible by both 3 and 5, print "FizzBuzz"; otherwise, print the number.

8. Factorial Calculation:

Write a function to calculate the factorial of a given number using loops.

9. Check Palindrome:

Implement a function that checks whether a given string is a palindrome (reads the same backward as forward).

10. Find Common Elements:

Write a function that takes two arrays as input and returns a new array containing elements that are common to both arrays.