

# Assignment: Arrays and Strings

## Array Questions

1. Write a program to find the largest element in an array.
2. Write a program to calculate the sum of all elements in an array.
3. Write a program to reverse an array.
4. Write a program to find the smallest element in an array.
5. Write a program to count even and odd numbers in an array.
6. Write a program to copy one array to another.
7. Write a program to sort an array in ascending order.
8. Write a program to search for an element in an array.
9. Write a program to merge two arrays.
10. Write a program to remove duplicate elements from an array.

## String Questions

1. Write a program to find the length of a string.
2. Write a program to count the number of vowels and consonants in a string.
3. Write a program to reverse a string.
4. Write a program to check if a string is a palindrome.
5. Write a program to convert lowercase letters to uppercase in a string.
6. Write a program to count the frequency of characters in a string.
7. Write a program to remove all white spaces from a string.
8. Write a program to compare two strings.
9. Write a program to find the first non-repeated character in a string.
10. Write a program to replace all occurrences of a character in a string.