

JS - Level 2 - Intermediate

Coding Challenge

1. Write a program that takes an array of integers and returns the average of all the numbers in the array.
2. Write a program that takes an array of integers and returns a new array containing only the unique elements from the original array.
3. Write a program that takes a string and returns a new string with all the vowels removed.
4. Write a program that takes an array of integers and returns the median of the numbers in the array (i.e., the middle number when the array is sorted).
5. Write a program that takes a string and returns true if the string is a pangram (i.e., it contains all the letters of the alphabet at least once), and false otherwise.
6. Write a program that takes an array of integers and returns the kth smallest element in the array.
7. Write a program that takes an array of integers and returns a new array containing only the prime numbers from the original array.
8. Write a program that takes a string and returns a new string with each word reversed, but the order of the words should remain the same.
9. Write a program that takes an array of integers and returns the number of inversions in the array (i.e., the number of pairs of elements where the first element is greater than the second element but appears before it in the array).
10. Write a program that takes an array of integers and returns a new array containing only the elements that appear more than once in the original array.