

1. Write a function that takes a string and returns its reverse.
2. Write a function that checks whether a given string is a palindrome (reads the same backward as forward).
3. Write a function to count the number of vowels (a, e, i, o, u) in a given string.
4. Write a function to find the first non-repeating character in a string.
5. Write a function that checks if two strings are anagrams of each other.
6. Find the length of the longest substring without repeating characters.
7. Write a function to find the largest number in an array.
8. Write a function that checks if a given array is sorted in ascending order.
9. Write a function to find the second largest number in an array.
10. Rotate an array by k positions to the right.
11. Write a function that returns the intersection of two arrays (common elements).
12. Write a function to remove duplicates from an array.
13. Given an array containing numbers from 1 to n with one missing, find the missing number.
14. Write a function to move all zeros in an array to the end while maintaining the order of non-zero elements.