

1. Write a recursive function to count the number of consonants in a given string. The function should be case-insensitive and ignore spaces and digits.
2. Write a recursive function to count the number of digits in a given string. The function should ignore all non-numeric characters.
3. Write a recursive function to compute the product of the digits located at odd positions in a given number. The leftmost digit is at position 1.
4. Write a recursive function to calculate the sum of all prime digits (2, 3, 5, 7) in a given number.
5. Write a recursive function to calculate the sum of all even digits present in a given integer.
6. Write a recursive function to count the number of non-zero digits in a given integer.
7. Write a recursive function to find the second largest element in a given array of integers.