

1. Create a list of squared integers from a given list of integers.
2. Create a list of even numbers from a given list of integers.
3. Create a list of vowels from a given string.
4. Create a list of all the words in a given sentence.
5. Create a list of all the positive numbers from a given list of integers.
6. Create a list of all the uppercase characters from a given string.
7. Create a list of all the first letters of words in a given sentence.
8. Create a list of all the unique words from a given sentence
9. Create a list of all the anagrams of a given word from a list of words
10. Create a list of all the permutations of a given string using list comprehension.
11. Create a list of all the words that start and end with the same letter from a given list of words using list comprehension.
12. Create a list of all the numbers that are divisible by 3 and 5 from a given list of integers using list comprehension.
13. Convert a given string to lowercase
14. Reverse a given string
15. Remove all the vowels from a given string
16. Find all the digits in a given string
17. Remove all the whitespace characters from a given string
18. Create a string of all the characters in a given list of strings
19. Remove all the punctuation characters from a given string
20. Count the number of times each character appears in a given string
21. Find the most common character in a given string
22. Capitalize the first letter of each word in a given string
23. Find all the anagrams of a given word from a list of words
24. Create a string of all the unique characters in a given string
25. Find the longest palindrome in a given string
26. Find all the substrings of a given string
27. Create a string of all the words in a given sentence in reverse order
28. Create an array of integers from a given list of integers.
29. Find the sum of all the elements in a given array of integers.
30. Find the maximum element in a given array of integers.
31. Find the minimum element in a given array of integers.
32. Create an array of all the even numbers from a given array of integers.
33. Find the second largest element in a given array of integers.
34. Find the second smallest element in a given array of integers.
35. Create a new array from two given arrays by alternating their elements.
36. Create a new array from a given array by removing all the duplicates.
37. Create a new array from a given array by reversing its elements.
38. Create a new array from a given array by shuffling its elements randomly.
39. Create a new array from a given array by selecting only the elements that are divisible by 3 and 5.
40. Find the intersection of two given lists.