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* Write a function that returns the sum of two numbers.
* Write a function to check if a number is even or odd.
* Write a function that takes a string and returns its reverse.
* Write a function that returns the factorial of a given number.
* Write a function to check if a given string is a palindrome.
* Write a function that returns the maximum of three numbers.
* Write a function that counts the number of vowels in a given string.
* Write a function that takes a number and returns its square.  
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  Write a function to calculate the sum of all even numbers in a list.  
  Write a function that removes all vowels from a given string.  
  Write a function to check if two strings are anagrams.  
  Write a function to flatten a nested list (e.g., [[1, 2], [3, 4]] → [1, 2, 3, 4]).  
  Write a function that takes two lists and returns a list of common elements.  
  Write a function that returns a list of prime numbers up to a given limit.  
  Write a function that checks if a number is a perfect square.  
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  Write a function to implement the merge sort algorithm.  
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