roblem 1: Spread Operator with Arrays Write a function concatArrays that takes two arrays as arguments and uses the spread operator to concatenate them into a new array. For example: javascript Copy code console.log(concatArrays([1, 2, 3], [4, 5, 6])); // Output: [1, 2, 3, 4, 5, 6]

Problem 2: Spread Operator with Objects Create a function mergeObjects that takes two objects as arguments and uses the spread operator to merge them into a new object. If there are any common keys, the values from the second object should overwrite the values from the first object. For example: javascript Copy code console.log(mergeObjects({ a: 1, b: 2 }, { b: 3, c: 4 })); // Output: { a: 1, b: 3, c: 4 }

Problem 3: Rest Operator with Function Parameters Write a function sumNumbers that uses the rest operator to accept any number of arguments and returns their sum. For example: javascript Copy code console.log(sumNumbers(1, 2, 3, 4, 5)); // Output: 15

Problem 4: Rest Operator with Destructuring Create a function getFirstTwo that takes an array as an argument and uses the rest operator in combination with array destructuring to return the first two elements of the array. If the array has fewer than two elements, return an empty array. For example: javascript Copy code console.log(getFirstTwo([1, 2, 3, 4])); // Output: [1, 2] console.log(getFirstTwo(['a'])); // Output: ['a']