**Q1.** Write a program that asks the user for a number and then prints out whether the number is even or odd.

**Q2.** Write a program that asks the user for their name and then greets them with their name.

**Q3.** Write a program that calculates the sum of all the numbers from 1 to n, where n is a number the user enters.

**Q4.** Write a program that takes an array of numbers and returns the largest number in the array.

**Q5.** Write a program that takes a string and returns the number of vowels in the string.

**Q6.** Write a program that takes an array of strings and returns a new array with all the strings in uppercase.

**Q7.** Write a program that takes two arrays and returns a new array with all the elements that are common to both arrays.

**Q8.** Write a program that takes a number and prints out all the prime numbers up to that number.

**Q9.** Write a program that takes a string and reverses the order of the words in the string.

**Q10.** Write a program that takes two numbers and returns their greatest common divisor.