

Function in Javascript

Assignment Questions



Q1. Create an arrow function called `square` that takes a number as an argument and returns its square. Use the arrow function to calculate the square of a given number and display the result.

Q2. Create a JavaScript function called `generateGreeting` that takes a name as an argument and returns a personalized greeting message. Use this function to greet three different people.

Q3. Create an IIFE (Immediately Invoked Function Expression) that calculates the square of a number and immediately displays the result.

Q4. Write a JavaScript function called `calculateTax` that takes an income as an argument and returns the amount of tax to be paid. Use a closure to handle different tax rates based on income ranges. Test the function with various incomes.

Q5. Write a JavaScript function called `factorial` that calculates the factorial of a non-negative integer using recursion. Test the function with different inputs.

Q6. Write a JavaScript function called `curry` that takes a function as an argument and returns a curried version of that function. The curried function should accept arguments one at a time and return a new function until all arguments are provided. Then, it should execute the original function with all arguments. Test the curry function with a function that adds two numbers.