**Lab 1- Functions in Kotlin**

Below is a simple lab exercise on functions in Kotlin. The exercise covers various aspects of functions, including function declaration, parameters, return types, and usage. Feel free to use an IDE or an online Kotlin compiler to run the code.

// Lab Exercise: Functions in Kotlin

// Task 1: Declare a function named 'sum' that takes two integers as parameters

// and returns their sum.

fun sum(a: Int, b: Int): Int {

return a + b

}

// Task 2: Declare a function named 'greet' that takes a name as a parameter

// and returns a greeting message.

fun greet(name: String): String {

return "Hello, $name!"

}

// Task 3: Declare a function named 'isEven' that takes an integer as a parameter

// and returns true if it's even, false otherwise.

fun isEven(number: Int): Boolean {

return number % 2 == 0

}

fun main() {

// Task 4: Call the 'sum' function and print the result.

val resultSum = sum(3, 5)

println("Sum: $resultSum")

// Task 5: Call the 'greet' function with your name and print the greeting.

val greetingMessage = greet("John")

println(greetingMessage)

// Task 6: Call the 'isEven' function with different numbers and print the results.

val number1 = 10

val number2 = 7

println("$number1 is even: ${isEven(number1)}")

println("$number2 is even: ${isEven(number2)}")

}

**Instructions:**

Declare the functions 'sum', 'greet', and 'isEven' as instructed in the comments.

In the main function, call the 'sum', 'greet', and 'isEven' functions with appropriate arguments.

Print the results to verify that the functions are working correctly.

Feel free to experiment with additional scenarios and modify the code as needed. This exercise is designed to reinforce your understanding of function syntax and usage in Kotlin.