**Lab 11- Calling Java Code in Kotlin**

1. **Create a Java Class:**

Create a simple Java class named Greeter with a method that takes a name and prints a greeting.

Save the Java class in a file named Greeter.java.

// Greeter.java

public class Greeter {

public void greet(String name) {

System.out.println("Hello, " + name + "!");

}

}

1. **Create a Kotlin Program:**

Write a Kotlin program that calls the greet method from the Greeter Java class.

Save the Kotlin program in a file named Main.kt.

// Main.kt

fun main() {

// Create an instance of the Java class

val greeter = Greeter()

// Call the greet method from the Java class

greeter.greet("John")

}

**Compile and Run:**

* Compile the Greeter.java file using javac Greeter.java.
* Compile the Main.kt file using kotlinc Main.kt -include-runtime -d Main.jar.
* Run the compiled Kotlin program using java -jar Main.jar.

**Observe the Result:**

Observe the output in the console, which should print the greeting for the specified name.

This exercise demonstrates how you can call a Java class and its methods from a Kotlin program. The interoperability between Kotlin and Java allows them to work together seamlessly.