**Lab 4- Extension Functions in Kotlin**

Below is a lab exercise on Extension Functions in Kotlin. This exercise focuses on creating extension functions to enhance existing classes.

class Circle (val radius: Double){

// member function of class

fun area(): Double{

return Math.PI \* radius \* radius;

}

}

fun Circle.perimeter(): Double{

return 2\*Math.PI\*radius;

}

fun main(){

val newCircle = Circle(2.5);

println("Area of the circle is ${newCircle.area()}")

println("Perimeter of the circle is ${newCircle.perimeter()}")

}

This exercise is designed to reinforce your understanding of extension functions in Kotlin.