CS 4476 – Assignment 2

These programs have been developed using the language Kotlin, targeting JVM. This was completed using IntelliJ Idea.

Assignment2.kt is the source code file, containing the solutions to all 4 problems in the assignment.

Object MDES contains all relevant functions for encryption and decryption, including binaryTranslate, inverseTranslate, “f”, encrypt (with the option for CBC method), and decrypt. Function probablyPrime is in global scope and is the solution to problem 4.

All outputs are shown in the screenshot below.

