**Text Encryption – Mini DES**

**Synopsis**

Program for encoding and decoding a secret 9-bit key into a fixed length text message applied with Simplified DES and Block cipher modes of encryption using Java coding techniques.

## Code

The code is structured as follows

* Takes input a fixed length converts that input into bits.
* Encrypts the input with secret message resulting in an output.
* Decrypts output.
* Presents input plaintext and secret message in letters and numbers to user.

View the ink below for an explanation of the encryption and decryption process.

<https://www.cs.uri.edu/cryptography/dessimplified.htm>