**Pseudocode**

**Encryption:**

Enter a value for key;

Shift = key % 66;

Open text file to read the original text;

While all the file is being read

{

Read a sentence from the file

For (x=0; x<sentence length; x++)

{

Var s (a word from sentence)

Var temporary = s[x] + key;

S=s + temporary (concatenation)

}

Insert the decrypted sentence into a decryption file

}

close all files

**Decryption:**

Open decryption file

S = Read the first sentence from the file

Key = S [index 0] – ‘ascii value of D’

Close decryption file

Open decryption file again to read again from the start

While (until the file ends)

{

Read a sentence from the file

For (x=0; x<sentence length; x++)

{

Var s (a word from sentence)

Var temporary = s[x] - key;

S=s + temporary (concatenation)

}

Save the new sentence onto the original text file

}

Close all files