

LAB ASSIGNMENT 3

1) Write C/C++/Python/JAVA program to implement Rail Fence transposition technique. Write down code for both encryption and decryption.

1) Encryption:

Input:

Plaintext: I love my country

Rows: 3

Expected Output:

IEORLVMCUTYOYN

2) Decryption:

Input:

Ciphertext: IEORLVMCUTYOYN

Rows: 3

Expected Output:

I love my country

2) Write a C/C++/Python/JAVA program to implment row transposition cipher. Consider following information for encipherment.

Plaintext: Attack postponed until two am

Columns: 7

Key: 4 3 1 2 5 6 7

Expected Output:

Ciphertext: APTMTTNAAODWTSUOCOIXKNLYPETZ