LAB ASSIGNMENT QUESTIONS

1. Write program to Generate cipher text for the following plain text a) “BORN TO WIN” b) “I am for victory” c) “Success come in search of me” with Key = 5 Using the Ceasure Cipher encryption algorithm. And write a program demonstrate the BruteForce method for decryption using the Generated cipher text for the “BORN TO WIN”, “I am for victory”, “Success come in search of me”?
2. Write program Demonstrate/implement Play fair cipher encryption and decryption for the following inputs.

Key – “playfair example” Plain text – “Hide the gold in the tree stump”

1. Write program for double transposition encryption and Decryption with the following inputs? Plain Test – “attackatdawn”

Key is matrix size and permutations: (3, 5, 1, 4, 2) and (1, 3, 2)

1. Write program for Monoalphabetic substitution cipher encryption and decryption.
2. Write program for Hill cipher algorithm encryption and decryption with the following inputs

Plain text AHMADABAD

6 5 1

Key = 3 2 3

4 3 2