Lab Programs:  
  
DAY 1

Ex 1:To implement the simple substitution technique named Caesar cipher using C language.

Ex 2: To write a C program to implement the Playfair Substitution technique.

Ex. 3 : To write a C program to implement the hill cipher substitution techniques.

Ex.4 : Write a C program for monoalphabetic substitution cipher maps a plaintext alphabet to a ciphertext alphabet, so that each letter of the plaintext alphabet maps to a single unique letter of the ciphertext alphabet.

DAY 2

Ex.5 :Write a C program for polyalphabetic substitution cipher(Vigenère Cipher) uses a separate monoalphabetic substitution cipher for each successive letter of plaintext, depending on a key.

Ex.6 : To write a C program to implement the rail fence transposition technique.

Ex.7 : To write a C program to implement Data Encryption Standard (DES).

Ex.8 : To write a C program to implement the RSA encryption algorithm.

DAY 3

Ex.9 : To implement the Diffie-Hellman Key Exchange algorithm using C language.

Ex.10 : To write a C program to implement the MD5 hashing technique.

Ex.11 : To implement the SHA-I hashing technique using C program.

Ex.12 : To write a C program to implement the signature scheme named digital signature

standard (Euclidean Algorithm).