

Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat
Department of Computer Science and Engineering
B.Tech III (Semester VI)
Information Security and Cryptography- CS302

Lab Assignment 2

- 1) Write a program that implements the Caesar cipher encryption and decryption. Additionally, include a function to perform frequency analysis on an encrypted text. Your program should allow the user to input a plaintext message, specify a shift value for encryption, display the encrypted text, perform decryption, and finally, conduct frequency analysis on the encrypted text. Explain how the frequency analysis could help in breaking the Caesar cipher.