

ISM - Practical Assignment-1

Perform the following.

1. WAP that can encrypt and decrypt using the general Caesar Cipher, also known as an additive cipher.
2. WAP that can encrypt and decrypt using Vigenere Cipher.
3. Solve the following:
 - a. Encryption
 - Out of the mountain of despair, a stone of hope. **Key 1: 3 Key2: Marting Luther King Jr.**
 - When you have a dream, you have got to grab it and never let go. **Key 1: 4 Key 2: Carol Burnett**
 - Success is not fina, failure is not fatal: it is the courage to continue that counts. **Key 1: -3 Key 2: Winston Churchill**
 - Everyone you will ever meet knows something you don't. **Key 1: -4 Key 2: Bill Nye**
 - b. Decryption
 - Xs fi sv rsx xs fi, Xlex mw xli uyiwxmsr **Key: 4**
 - Hgxdfwlrq lv wkh sdvvsruw wr wkh ixwxuh, iru wrpruurz ehorqjv wr wkrvh zkr suhsduh iru lw wrgdb **Key: 3**
 - qdfeofuoy kg fte acgebocv ha fhp hifgrp, hcd foxqfdaw mgzazgd vc ftodg kta pcgdmde qqf uf tzfok. **Key: Malcom**
 - wvv qnyc uoi lsihrfa bz ajrzywzwm. kvxyc xs ey glus wck jsgifcmkb. **Key: Dorothy Parker**