

ISM - Practical Assignment-2

Perform the following.

1. WAP that can encrypt and decrypt using the rail fence technique.
2. WAP that can encrypt and decrypt using one-time pad technique.
3. WAP that can encrypt and decrypt using columnar technique.
4. Solve the following:
 - a. Encryption (Key1- Playfair, Key2- Columnar)
 - Out of the mountain of despair, a stone of hope. **Key 1:** Assignment **Key2:** 21453.
 - When you have a dream, you have got to grab it and never let go. **Key 1:** Modular **Key 2:** 4312567
 - Success is not final, failure is not fatal: it is the courage to continue that counts. **Key 1:** Mechanism **Key 2:** 2431
 - Everyone you will ever meet knows something you don't. **Key 1:** London Hill **Key 2:** 3241
 - b. Decryption (Playfair)
 - ONWPQOSLXYSPIKRFNQYQHKBYCYOWONWBBXFYG
ZICEASNAYQBYGNBXFNNBNQOIMKGMONVXLBONV
CQY **Key:** Beyoncé
 - sastkmispfcmafrigctavdpourtadsrzopqtrkloqtacibcig
berhkiz **Key:** Aristotle
 - yglxwxwmwuvnercwzddlqxvglafdynzlveramrdkdzfccl
cwxfqvgwarlcilrvxfqvgwardbuvzqydluyvxlerlrerxloqa
xylhn. **Key:** Laverne Cox
 - qkcacpbcbhduudciraugxrtulobdraugxrxsgb.
Key: Gorman