ASSIGNMENT-1

1)   a) Explain the concept of CIA principle of security with examples.
        b) Demonstrate substitution techniques in classical cryptography with examples.

2)   Let message = "INDIAN ARMY", Ignore the space between words.
         Keyword = "MRUH", find cipher-text using playfair cipher.

3)   What do you mean by DES? Diagrammatically illustrate the structure of
        DES &   describe the steps in DES encryption process with example.

4)   Describe International Data Encryption (IDEA) algorithm with its
        Key generation, encryption and its applications in Cyber security world.

5)   Explain about Blowfish Algorithm with focus on Key generation and Encryption
         and   Decryption process