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| **S.NO** | **Date Of**  **Experiment** | **Date of Submission** | **Experiment** | **Page No.** | **Marks** | **Sign** |
|  | 08-01-24 | 22-01-24 | Write a C program that contains a string (char pointer) with the value "Hello world." The program should XOR each character in this string with index 0 and display the result |  |  |  |
|  | 08-01-24 | 22-01-24 | Write a C program that contains a string (char pointer) with the value "Hello world". The program should perform a bitwise AND operation with each character in this string using the value 127 and display the result. |  |  |  |
|  | 22-01-24 | 29-01-24 | Encrypt the message "PAY" using Hill cipher with the following key matrix and show the decryption to formulate the original plaintext K=[ [17, 17, 5], [21, 18, 21], [2, 2, 19] ] |  |  |  |
|  | 29-01-24 | 05-02-24 | Write a Java program to perform encryption and decryption using substitution cipher |  |  |  |
|  | 29-01-24 | 05-02-24 | Write a C/Java program to implement Caesar Cipher. |  |  |  |
|  | 29-01-24 | 05-02-24 | Write a C/Java program to implement Affine Cipher with equation c = 3x + 12. |  |  |  |
|  | 29-01-24 | 05-02-24 | Write a C/Java program to implement Playfair Cipher with key "ldrpl". |  |  |  |
|  | 05-02-24 | 12-02-24 | Write a C/Java program to implement Polyalphabetic Cipher. |  |  |  |
|  | 05-02-24 | 12-02-24 | Write a C/Java program to implement AutoKey Cipher. |  |  |  |
|  | 05-02-24 | 12-02-24 | Write a C/Java program to implement the Rail fence technique. |  |  |  |
|  | 05-02-24 | 12-02-24 | Write a C/Java program to implement the Simple Columnar Transposition technique. |  |  |  |
|  | 05-02-24 | 12-02-24 | Write a C/Java program to implement the Advanced Columnar Transposition technique. |  |  |  |
|  | 12-02-24 | 26-02-24 | Write a C/Java program to implement the DES algorithm logic. |  |  |  |
|  | 26-02-24 | 04-03-24 | Write a C/Java program to implement the Rijndael algorithm logic. |  |  |  |
|  | 04-03-24 | 11-03-24 | Write a C/Java program to implement Euclidean Algorithm. |  |  |  |
|  | 04-03-24 | 11-03-24 | Write a C/Java program to implement Advanced Euclidean Algorithm. |  |  |  |
|  | 11-03-24 | 01-04-24 | Write a C/Java program to implement Simple RSA Algorithm with small numbers. |  |  |  |
|  | 01-04-24 | 08-05-24 | Calculate the message digest of a text using the SHA-1 algorithm in Java. |  |  |  |
|  | 01-04-24 | 08-05-24 | Calculate the message digest of a text using the MD5 algorithm in Java. |  |  |  |