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S.NO	Date Of Experiment	Date of Submission	Experiment	Page No.	Marks	Sign
1.	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			
2.	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.			
3.	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 $K = \begin{bmatrix} 17 & 17 & 5 \\ 21 & 18 & 21 \\ 2 & 2 & 19 \end{bmatrix}$			
4.	29-01-24	05-02-24	Write a Java program to perform encryption and decryption using substitution cipher			
5.	29-01-24	05-02-24	Write a C/Java program to implement Caesar Cipher.			
6.	29-01-24	05-02-24	Write a C/Java program to implement Affine Cipher with equation $c = 3x + 12$.			
7.	29-01-24	05-02-24	Write a C/Java program to implement Playfair Cipher with key "ldrpl".			
8.	05-02-24	12-02-24	Write a C/Java program to implement Polyalphabetic Cipher.			
9.	05-02-24	12-02-24	Write a C/Java program to implement AutoKey Cipher.			
10.	05-02-24	12-02-24	Write a C/Java program to implement the Rail fence technique.			
11.	05-02-24	12-02-24	Write a C/Java program to implement the Simple Columnar Transposition technique.			
12.	05-02-24	12-02-24	Write a C/Java program to implement the Advanced Columnar Transposition			

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			technique.			
13.	12-02-24	26-02-24	Write a C/Java program to implement the DES algorithm logic.			
14.	26-02-24	04-03-24	Write a C/Java program to implement the Rijndael algorithm logic.			
15.	04-03-24	11-03-24	Write a C/Java program to implement Euclidean Algorithm.			
16.	04-03-24	11-03-24	Write a C/Java program to implement Advanced Euclidean Algorithm.			
17.	11-03-24	01-04-24	Write a C/Java program to implement Simple RSA Algorithm with small numbers.			
18.	01-04-24	08-05-24	Calculate the message digest of a text using the SHA-1 algorithm in Java.			
19.	01-04-24	08-05-24	Calculate the message digest of a text using the MD5 algorithm in Java.			