LAB LOG SHEET

S.N.	Lab Title	Signature	Remarks
1	WAP to implement Caesar Cipher.		
2	WAP to implement PlayFair Cipher.		
3	WAP to implement Rail Fence Cipher.		
4	WAP to implement Hill Cipher (Key matrix of size 2x2).		
5	WAP to implement Vigenere Cipher.		
6	WAP to implement Euclidean Algorithm to find GCD of given numbers.		
7	WAP that computes additive inverse in given modulo n.		
8	Write a program that takes two numbers and displays whether they are relatively prime or not.		
9	WAP to implement Extended Euclidean Algorithm.		
10	WAP to compute multiplicative inverse in a given modulo n using Extended Euclidean Algorithm.		
11	WAP to demonstrate how the output of S-Box (S1) is generated in DES.		
12	WAP to implement the Robin Miller algorithm for primality tests.		
13	Write a program that takes any positive number and displays the result after computing Totient value.		
14	WAP to compute primitive roots of a given number.		
15	WAP to compute the discrete log of a given number (provided the modulo and primitive root).		
16	WAP to implement the Diffie-Hellman Key Exchange Algorithm.		
17	WAP to implement RSA Algorithm.		
18	WAP to implement Elgamal Cryptographic System.		
19	Write a malicious logic code (Trojan Horse/Virus) program that performs some malicious work.		