Sarvajanik College of Engineering and Technology

Information Technology Department

Practical List

BE IV Semester 7

Information and Network Security

1	Write a C program to find GCD of two numbers. Also check whether a number is prim or not. Display a list of first 100 prime numbers.
2	Write a program to implement Caesar Cipher.
3	Write a program to implement Monoalphabetic Cipher.
4	Write a program to implement Playfair Cipher.
5	Write a program to implement Hill Cipher.
6	Write a program to implement Vigenere Cipher.
7	Write a program to implement Vernam Cipher.
8	Write a program to implement Railfence Cipher.
9	Write a program to implement Row Transposition Cipher.
10	Write a program to implement encryption and decryption using Simplified-DES scheme.
11	Write a program to implement encryption and decryption using AES scheme.
12	Write a program to implement RSA algorithm.
13	Write a program to implement Diffie-Hellman Key Exchange algorithm.
14	Implement SHA-1 Algorithm.
15	Write a program to implement two Digital Signature Algorithms: DSA and Elgamal.

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