Security Lab List of Experiments

Experiment 1 Implementation of Substitutional and Translational Techniques

Date : 02/07/2019

1. Caesar’s Cipher
2. Playfair Cipher
3. Hill’s Cipher

Date : 09/07/2019

1. ABCD Vigenere Cipher
2. Railfence Cipher

Implementation: C++

Experiment 2 Implementation of SQL Injection

Date : 16/07/2019

Implementation: HTML tags, PHP and MySQL

Experiment 3 Implementation of Buffer Overflow

Date : 30/07/2019

Implementation: C using structures

Experiment 4 Implementation of Cross Site Scripting

Date: 30/07/2019

Implementation: HTML,JavaScript,PHP

Experiment 5 Implementation of DES Algorithm

Date: 20/08/2019

Implementation: C++

Experiment 6 Hacking Windows - Login Password

Date: 03/09/2019

Implementation: Windows OS sethc and exe

Experiment 7 Hacking Windows - Restricted Drive Access

Date: 03/09/2019

Implementation: Windows

Experiment 8 Malware Working and Detection

Date: 03/09/2019

Implementation: Study Experiment

Experiment 9 Implementation of RSA Algorithm

Date: 10/09/2019

Implementation: Python

Lab Assessment 1 - Date: 24/09/2019