Cryptography
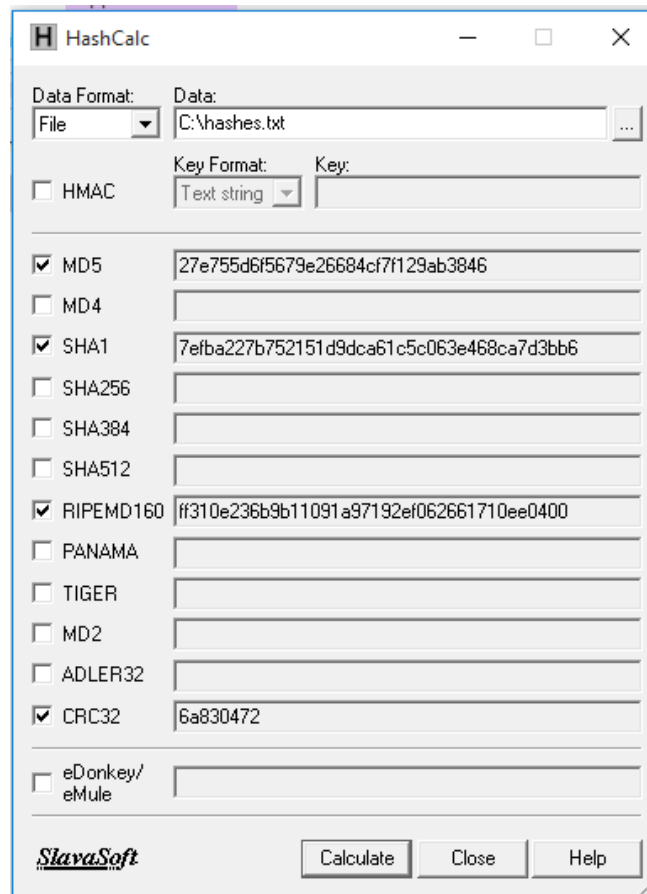## Lab Assignment (Module 20)

Name: Sachin Saj
Roll No: CB.EN.P2CEN18012
**Date of Submission:** 17/06/2019

<u>Basic Data Encrypting Using HashCalc</u>

Tool/Utility	Information Collected/Objective Achieved
HashCalc	**Output:** Generated Hashes for • MD5: 27e755d6f5679e26684cf7f129ab384 • SHA1:7efba227b752151d9dca61c5c063e468ca7d3bb6 • RIPEMD160:ff310e236b9b11091a97192ef062661710ee0400 • CEC32:6a830472

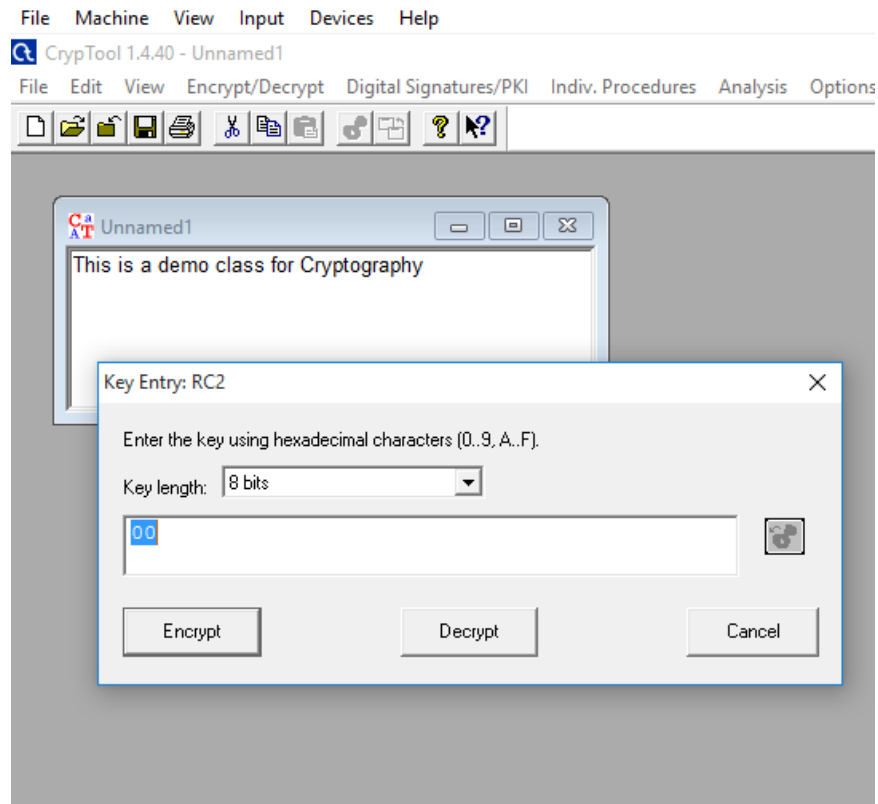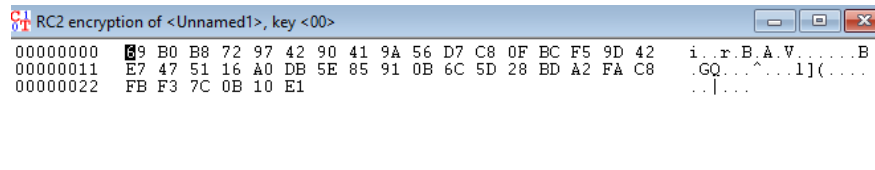# Basic Data Encrypting Using Advanced Encryption Package
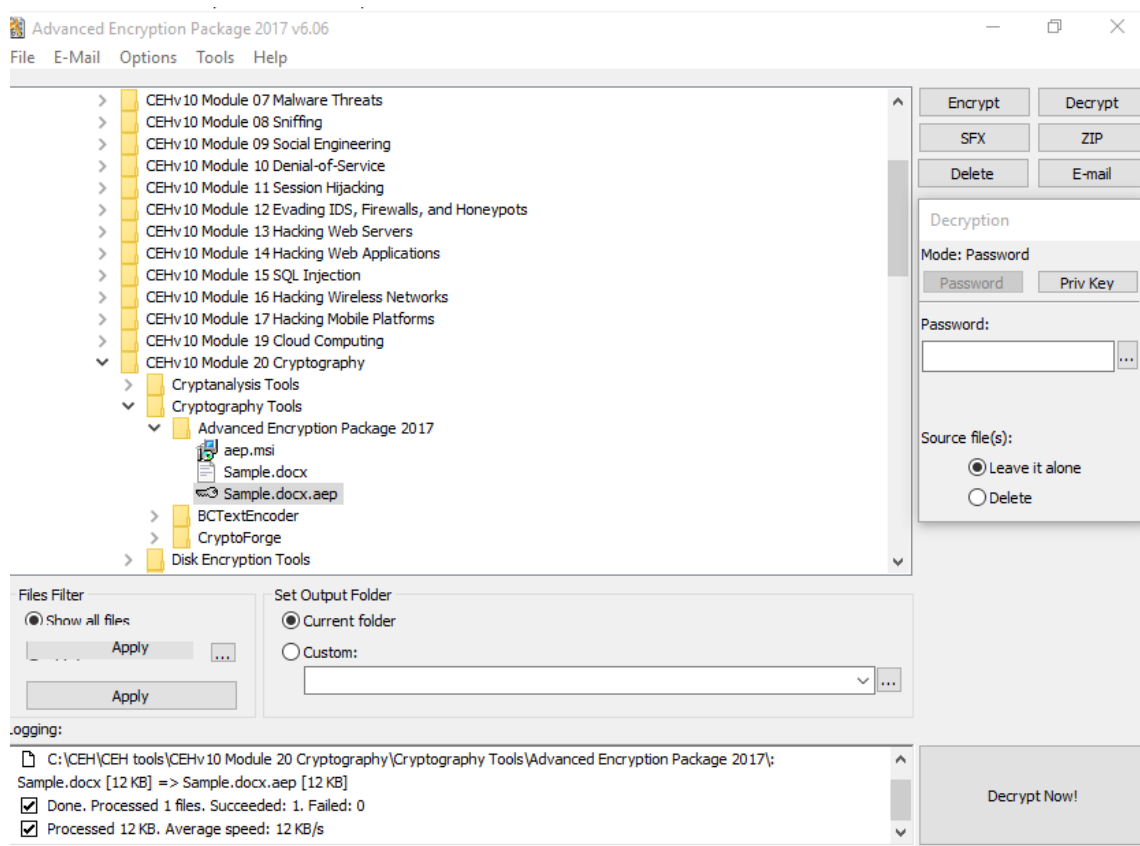
Lab Analysis

Tool/Utility	Information Collected/Objective Achieved
Advance Encryption	**Output:** Encrypted simple File.docx.ape

Basic Data Encrypting Using CrypTool

1. Some text is written to Encrypt, using RC2 encrypting algorithm.

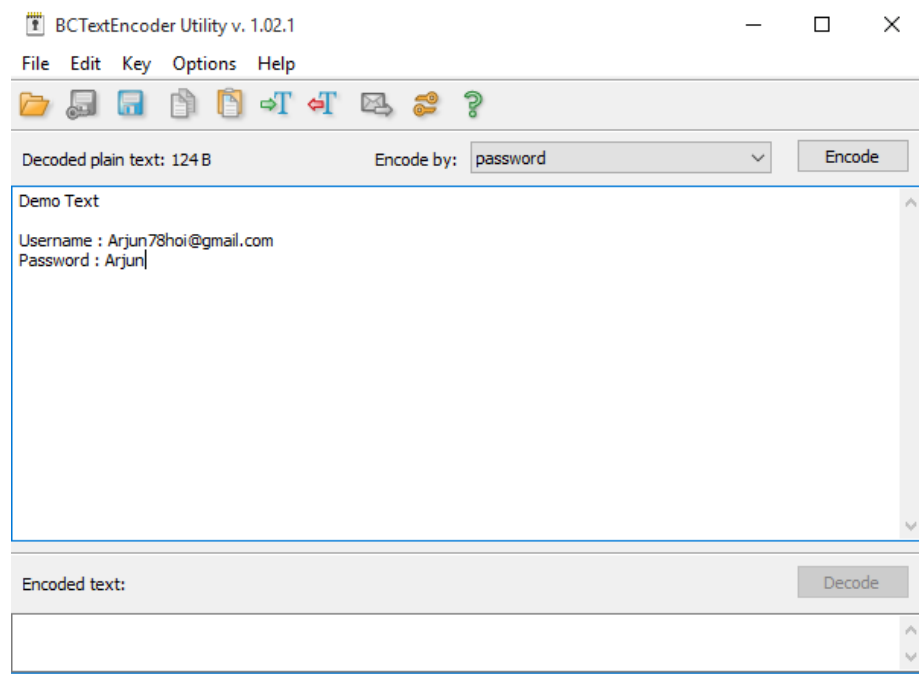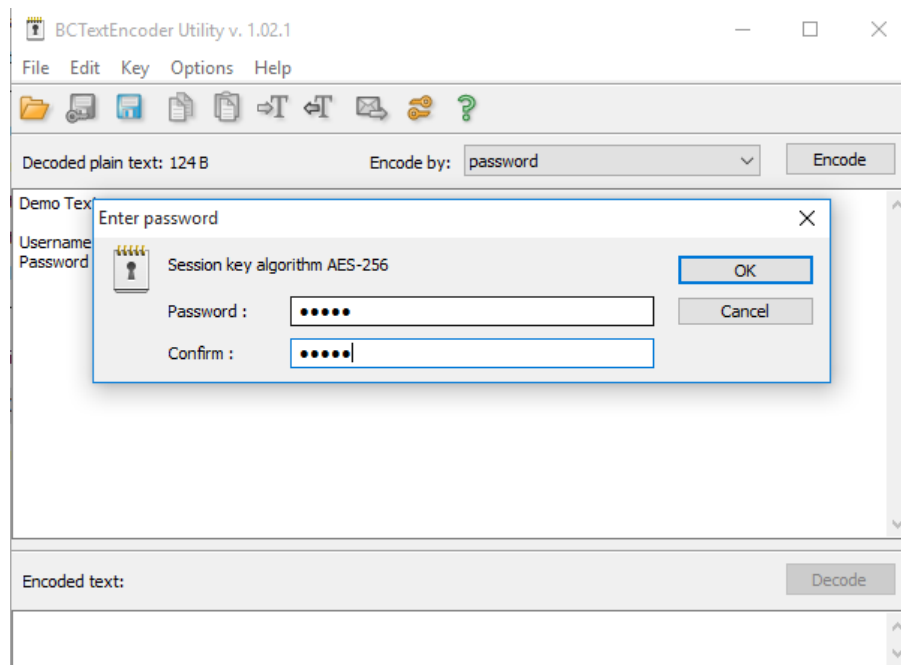2. Output for the RC2 encrypted data

Lab Analysis

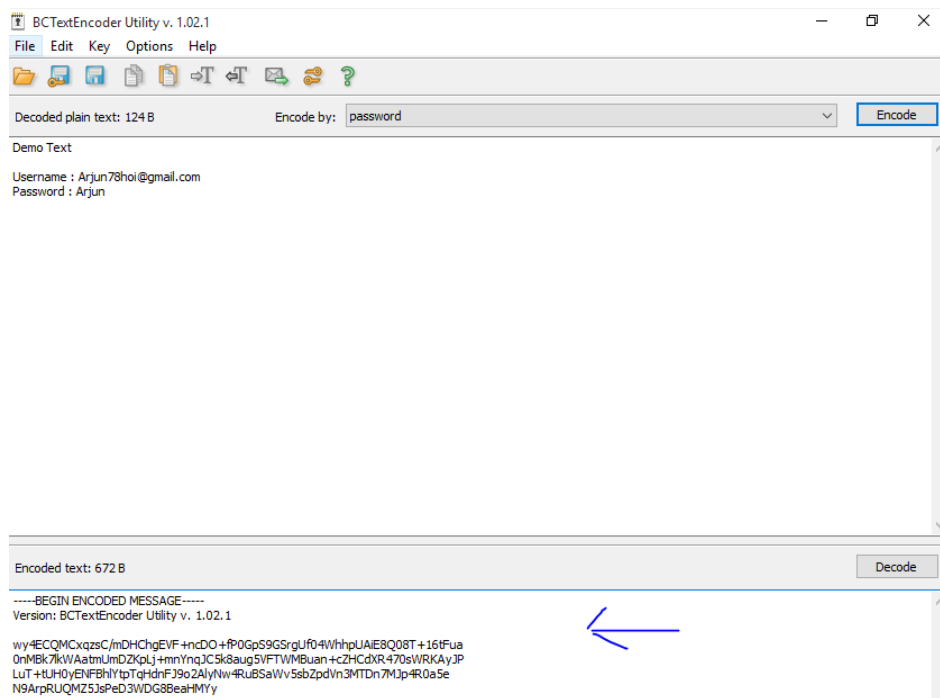| Tool/Utility	Information Collected/Objective Achieved
CrypTool	**Encrypted Algorithm** : RC2 **Result:** Encrypted data for selected text

Encrypting and Decrypting Data Using BCTextEncoder
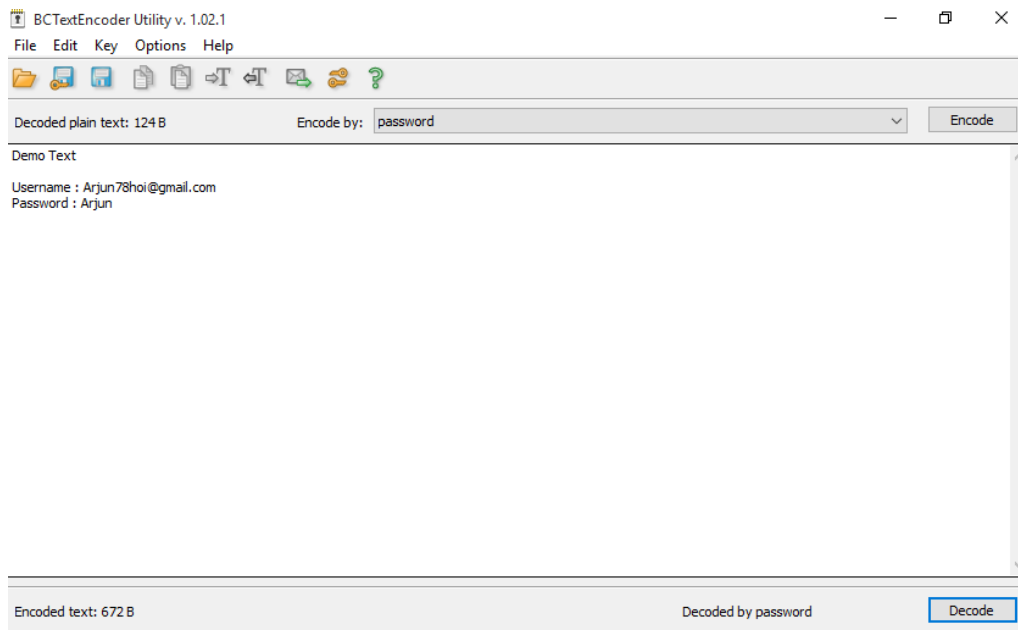
1. Encrypting some contents.

2. Encrypted content is protected with passwords

3. Encrypted

4. Decode the encrypted contend.

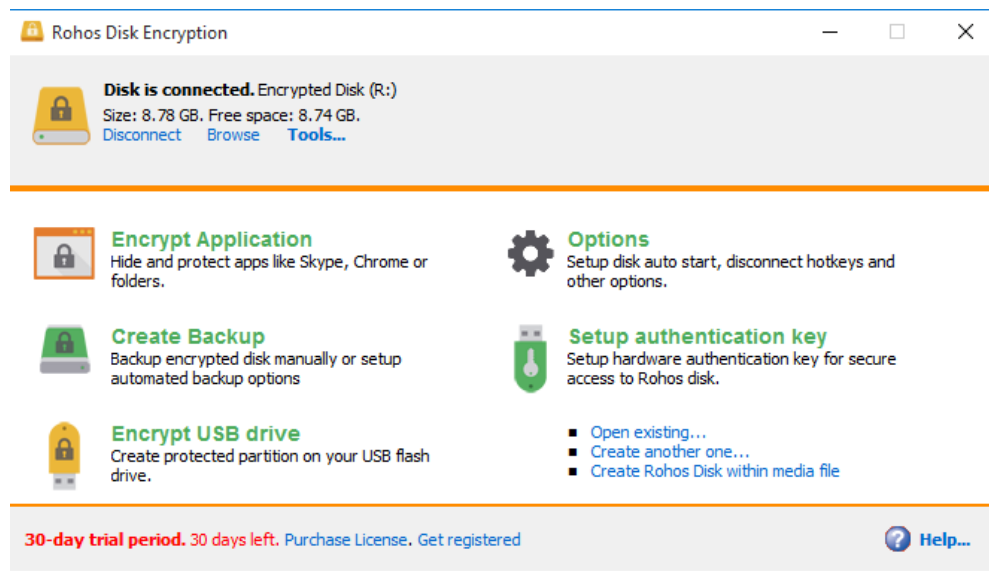Lab Analysis

Tool/Utility	Information Collected/Objective Achieved
BCTTextEncoder	**Result:** Encoding and Decoding text for selected data

Basic Data Encryption Using Rohos Disk Encryption

1. Create a virtual encrypted disk

2. Disconnect the encrypted virtual disk
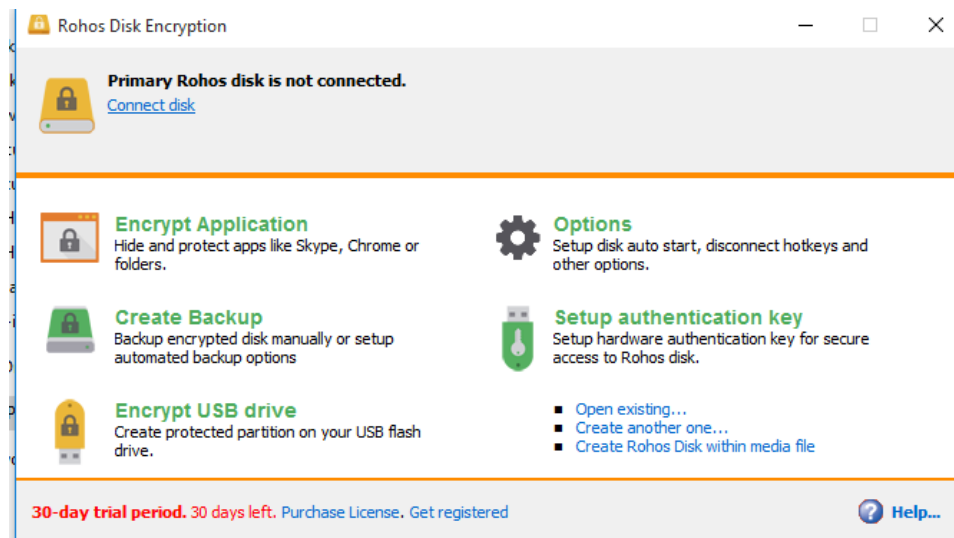
Lab Analysis

Tool/Utility	Information Collected/ Objective Achieved
Rohos Disk Encryption	**Result:** Successful connection of encrypted disk

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