Don Bosco Institute of Technology
Department of Computer Engineering

Academic year – 2021-22

Class: B.E. COMPUTER ENGINEERING

Subject: Computational Lab -I

Course Code: CSL704

Experiment Title: EXPERIMENT 6

Student Name: Hayden Cordeiro

Roll No.:05

Batch: D

Date of Performance: 14-09-2021

Date of Submission: 14-09-2021

AIM: Install and use a security app on an Android mobile (AndroidCrypt)

Description:
AndroidCrypt is free, open source, and contains no advertisements
-256 bit AES encryption
-uses the open source encryption library AESCrypt
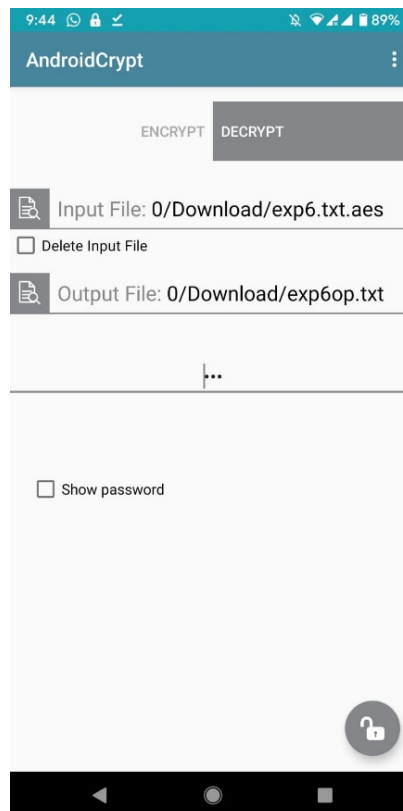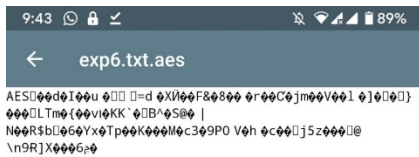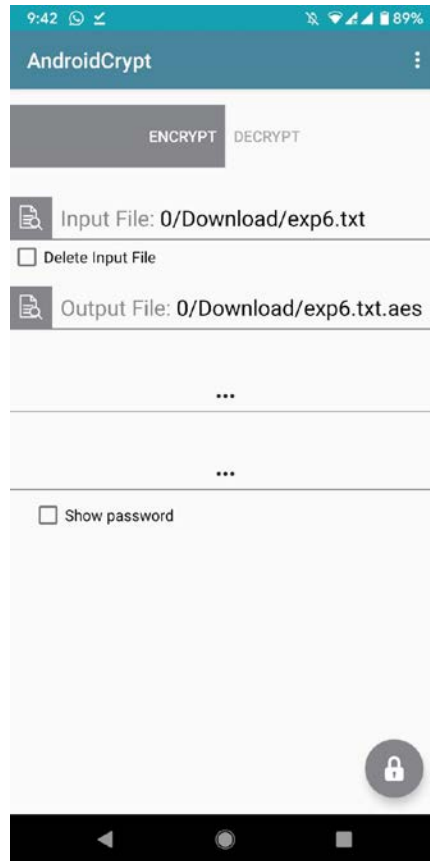-compatible software available for Windows, Mac, Linux, and iOS

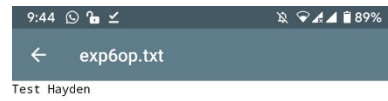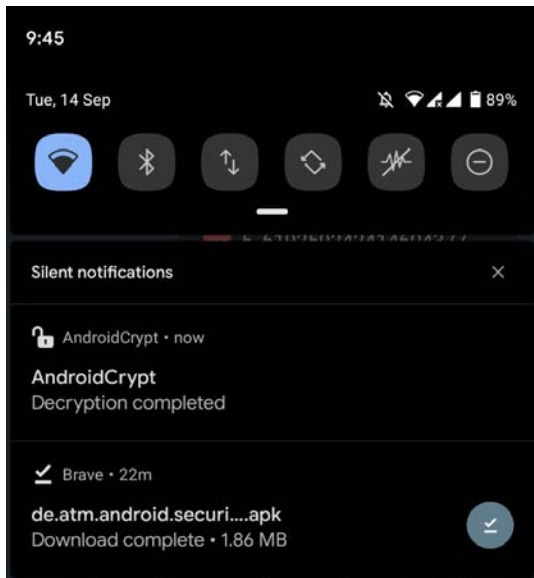**Installation Steps AndroidCrypt**:
1. Download app from the google Google Playstore
2. After installing the app it may ask you for permissions
3. Allow all the necessary permissions

Permissions:
1. Read Storage
2. Write Storage

Screenshots:

Test Hayden

ENCRYPT DECRYPT

Input File: 0/Download/exp6.txt

☐ Delete Input File

Output File: 0/Download/exp6.txt.aes

...

...

☐ Show password

```
AES□♦♦d♦I♦♦u ♦□□ □=d ♦ХИ♦♦F&♦8♦♦ ♦r♦♦C♦jm♦♦V♦♦l ♦]♦□♦□}
♦♦♦□LTm♦{♦♦vi♦KK`♦□B^♦S@♦ |
N♦♦R$b□♦6♦Yx♦Tp♦♦K♦♦♦M♦c3♦9PO V♦h ♦c♦♦□j5z♦♦♦□@
\n9R]X♦♦♦6¿♦
```

ENCRYPT **DECRYPT**

Input File: 0/Download/exp6.txt.aes

☐ Delete Input File

Output File: 0/Download/exp6op.txt

...

☐ Show password

Conclusion:
We have successfully performed encryption and decryption using AndroidCrypt