

Name: Suyash Shinde

Roll No: D2223034

Class: TY CSF-2

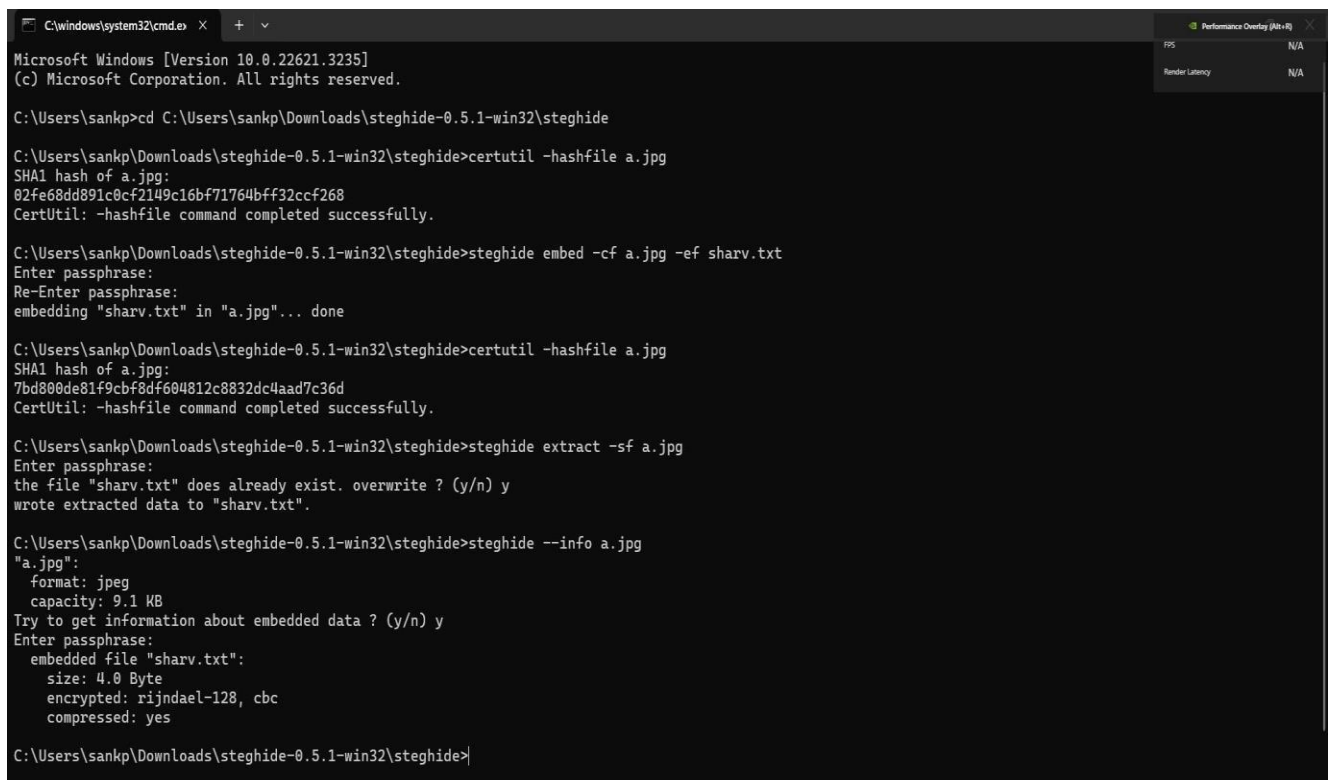
Batch: C

Subject: CFEL

Assignment 2

Title: To study the steps for hiding and extract any text file behind an image file/ Audio file using Command Prompt.

Screenshot:



```
C:\windows\system32\cmd.exe X + v
Microsoft Windows [Version 10.0.22621.3235]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sankp>cd C:\Users\sankp\Downloads\steghide-0.5.1-win32\steghide

C:\Users\sankp\Downloads\steghide-0.5.1-win32\steghide>certutil -hashfile a.jpg
SHA1 hash of a.jpg:
02fe68dd891c0cf2149c16bf71764bff32ccf268
CertUtil: -hashfile command completed successfully.

C:\Users\sankp\Downloads\steghide-0.5.1-win32\steghide>steghide embed -cf a.jpg -ef sharv.txt
Enter passphrase:
Re-Enter passphrase:
embedding "sharv.txt" in "a.jpg"... done

C:\Users\sankp\Downloads\steghide-0.5.1-win32\steghide>certutil -hashfile a.jpg
SHA1 hash of a.jpg:
7bd800de81f9cbf8df604812c8832dc4aad7c36d
CertUtil: -hashfile command completed successfully.

C:\Users\sankp\Downloads\steghide-0.5.1-win32\steghide>steghide extract -sf a.jpg
Enter passphrase:
the file "sharv.txt" does already exist. overwrite ? (y/n) y
wrote extracted data to "sharv.txt".

C:\Users\sankp\Downloads\steghide-0.5.1-win32\steghide>steghide --info a.jpg
"a.jpg":
  format: jpeg
  capacity: 9.1 KB
Try to get information about embedded data ? (y/n) y
Enter passphrase:
  embedded file "sharv.txt":
    size: 4.0 Byte
    encrypted: rijndael-128, cbc
    compressed: yes

C:\Users\sankp\Downloads\steghide-0.5.1-win32\steghide>
```

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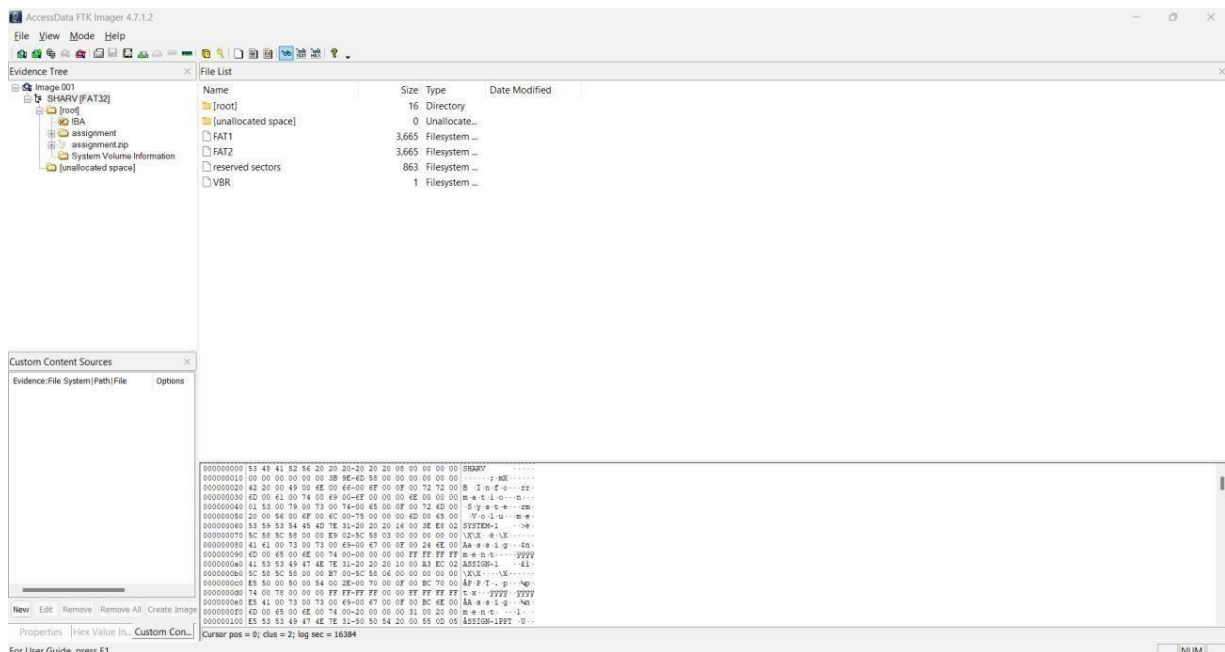
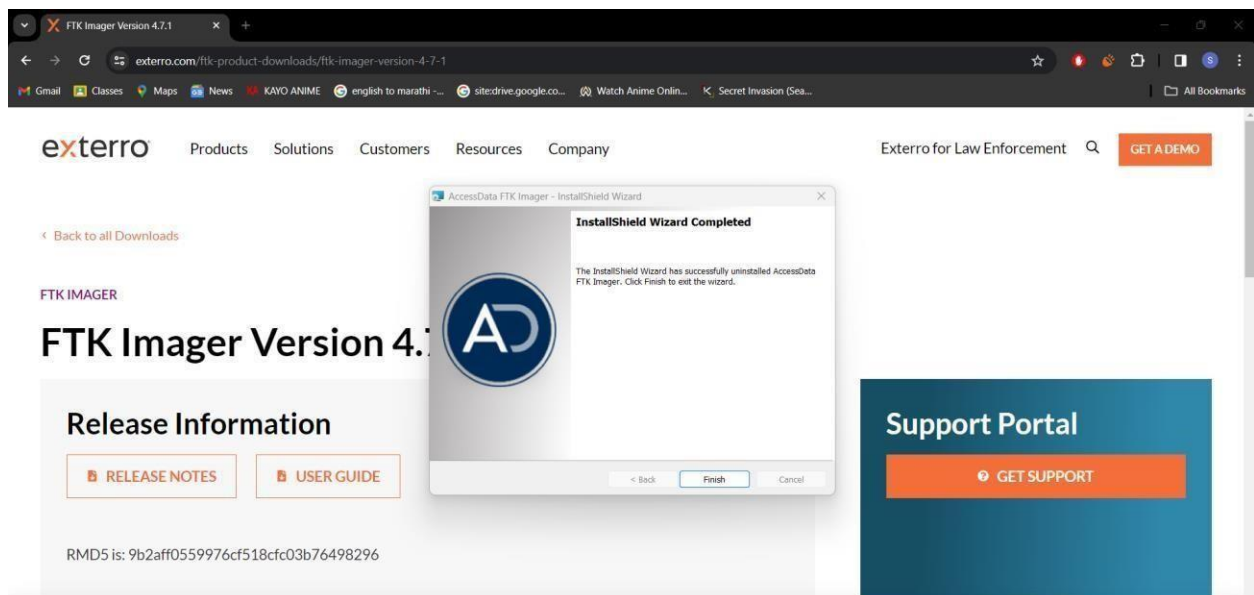
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Assignment 3

Title: Introduction of FTK (Forensics Toolkit) Imager and Installation

Screenshot:



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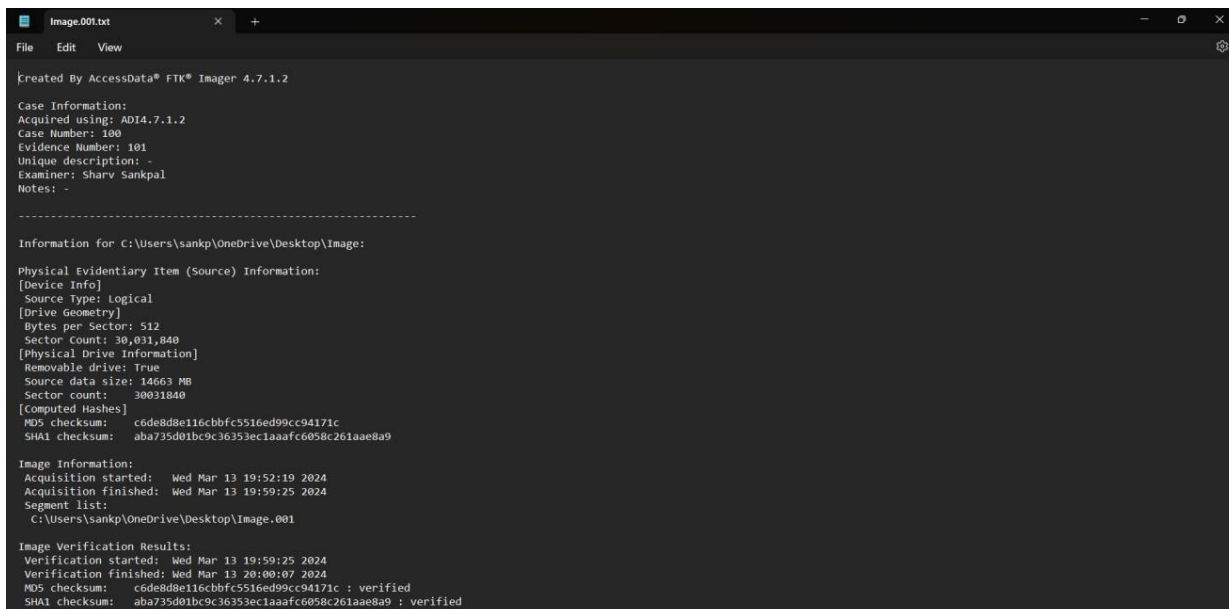
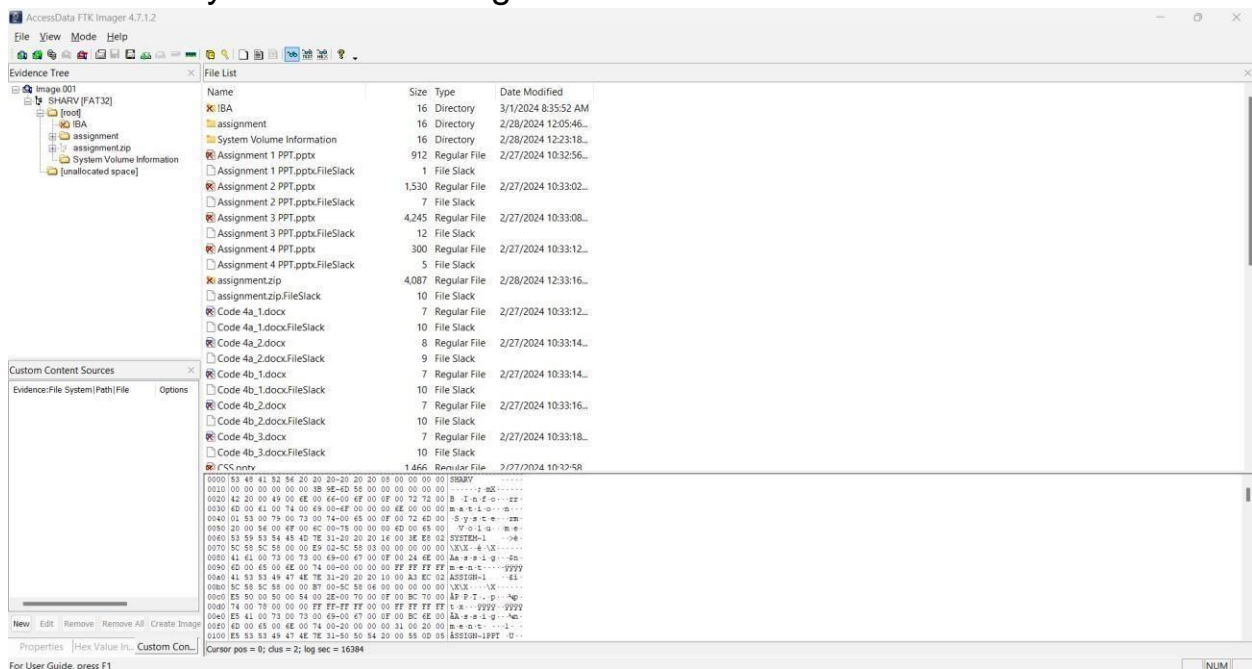
Roll No. D2223034

Assignment 4

Title: Creating a Forensic Image using FTK Imager/Encase Imager:

- Creating Forensic Image - Check Integrity of Data

- Analyze Forensic Image.



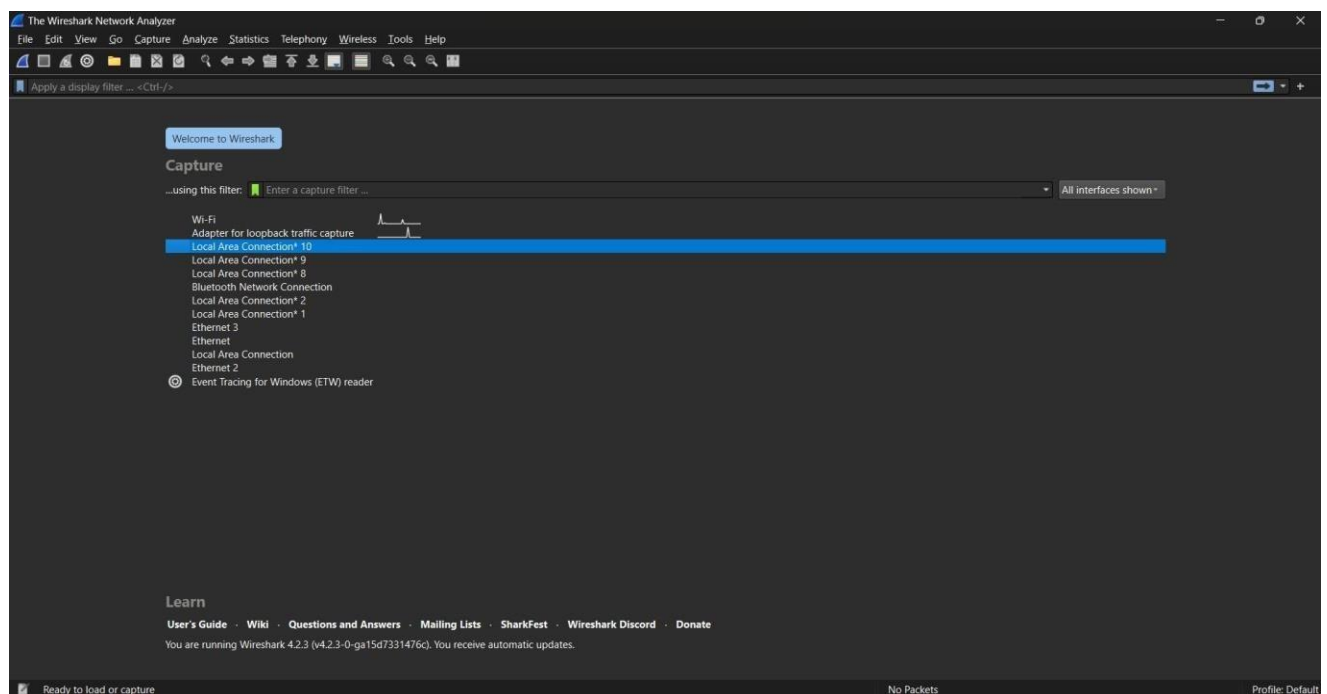
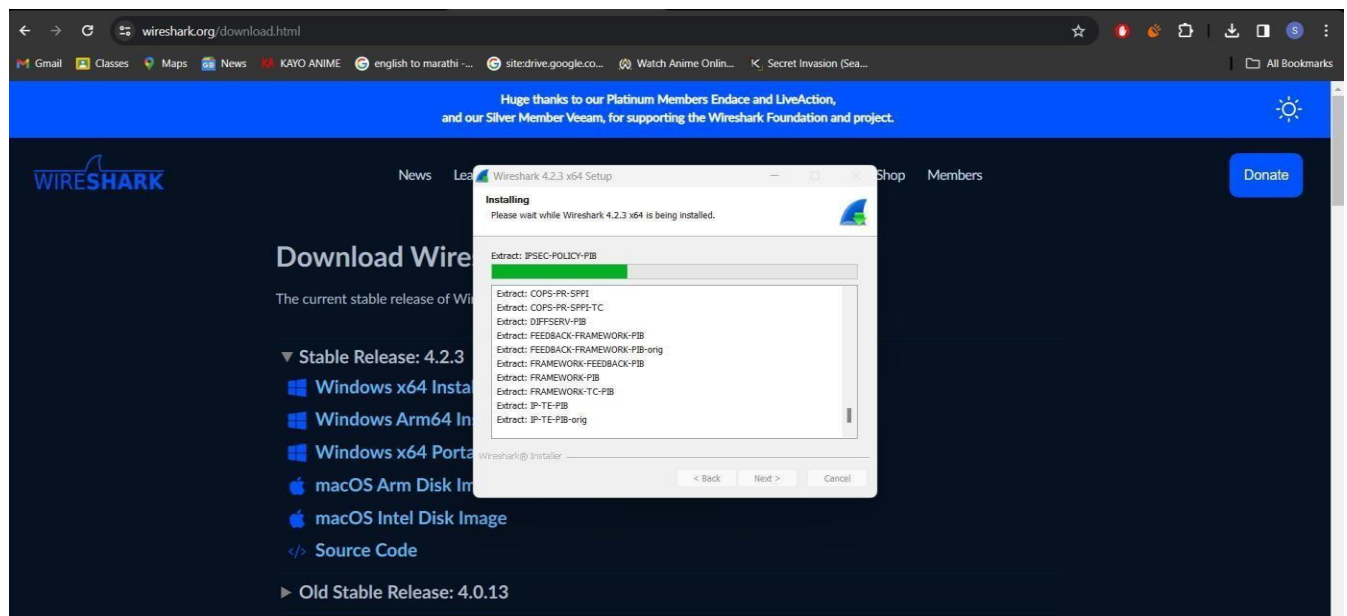
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Assignment 8

Title: Introduction to Wireshark Network Analyzer & Installation of Wireshark

Screenshot:-



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Assignment 9

Title: Capturing and analyzing network packets using Wireshark (Fundamentals)

Identification of the live network - Capture Packets - Analyze the captured packets.

