Student:		Email:
Karan Atul Vora		kxv230021@utdallas.edu

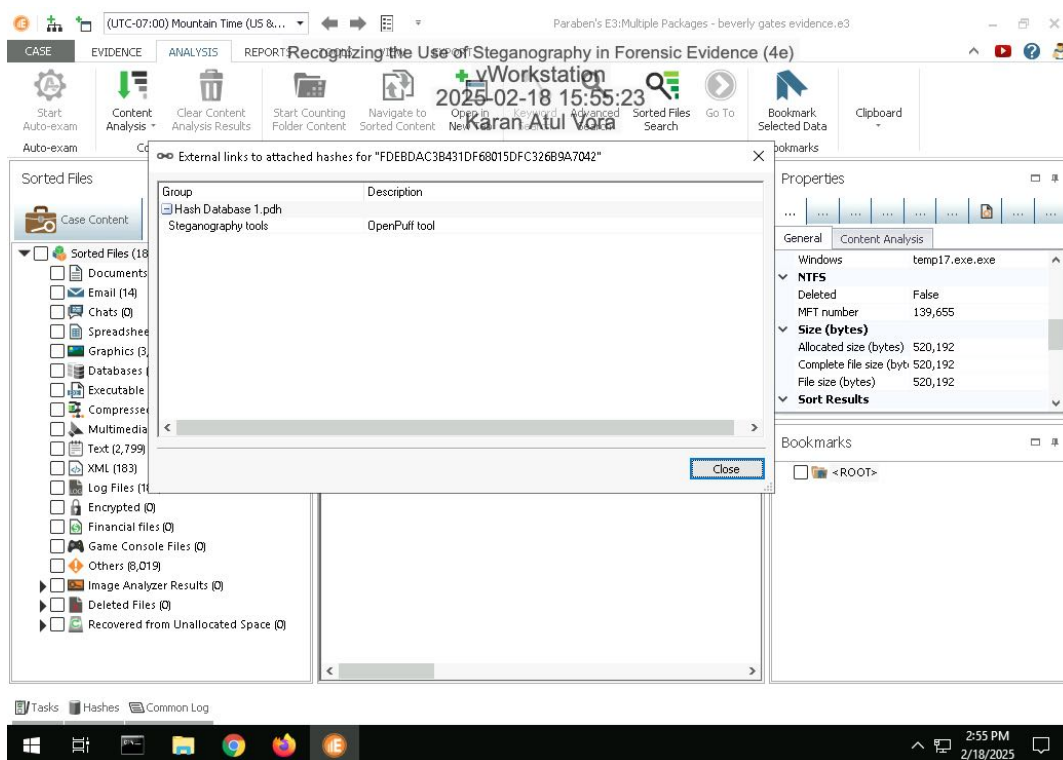| Time on Task:		Progress:
1 hour, 11 minutes		100%

Report Generated: Monday, February 24, 2025 at 4:32 PM
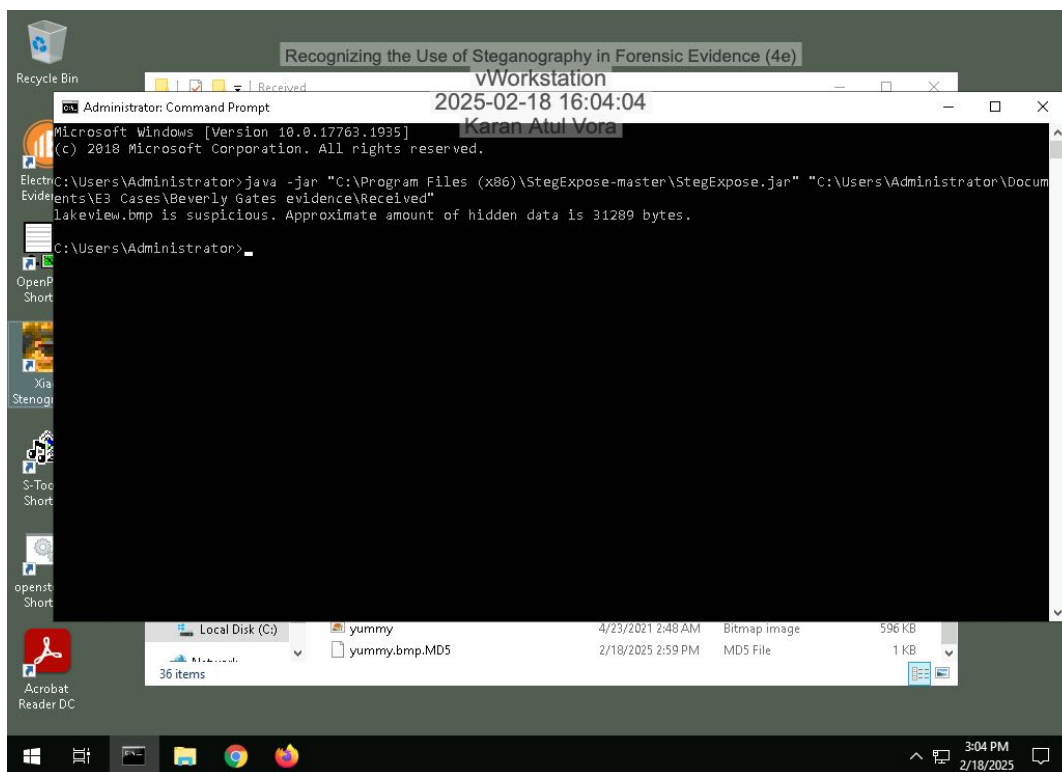
Section 1: Hands-On Demonstration

Part 1: Detect Steganography Software on a Drive Image

14. **Make a screen capture** showing the **search result and its description**.
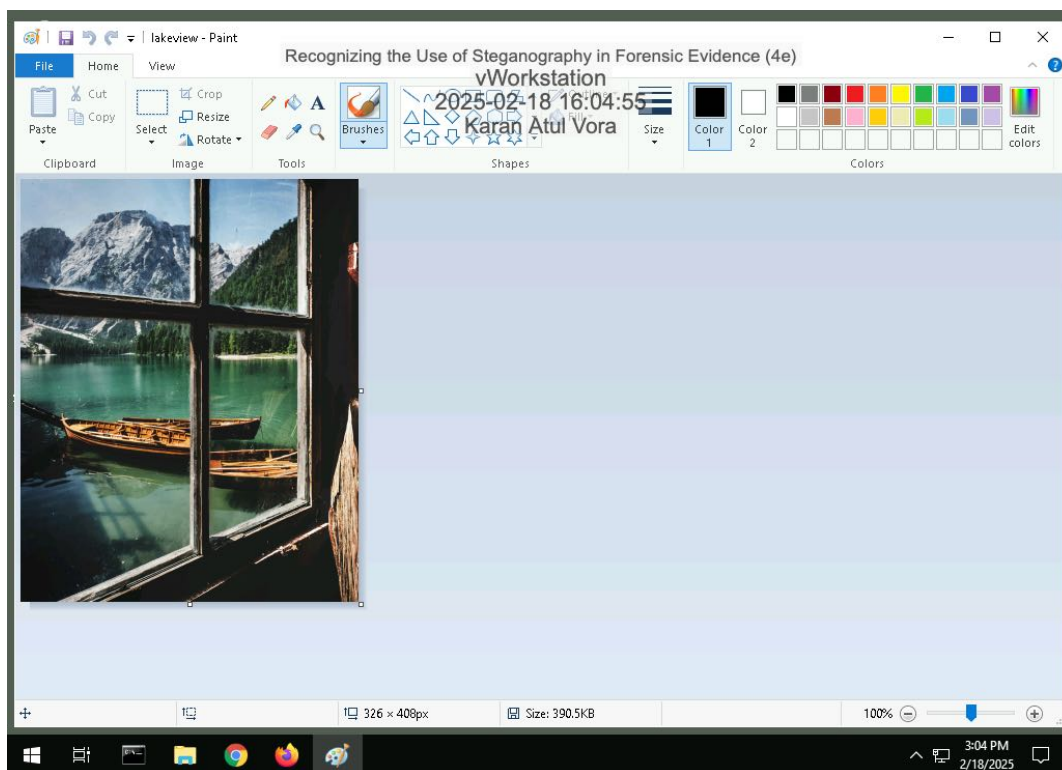

Part 2: Detect Hidden Data in Image Files

10. **Make a screen capture** showing the **StegExpose results**.

13. **Make a screen capture** showing the **suspicious file in Microsoft Paint**.

Part 3: Extract Hidden Data from Image Files

2. **Record** the passphrase saved in the ReadMe file.

landmarks

16. **Make a screen capture** showing the **contents of the file extracted by OpenPuff**.

17. **Describe** the contents of the hidden file. How might it be relevant to the current investigation?

The file includes multiple locations which might be used by the suspect. The file has the coordinates as well as the complete address.

Section 2: Applied Learning

Part 1: Detect Steganography Software on a Drive Image

5. **Make a screen capture** showing the **search result and its description**.
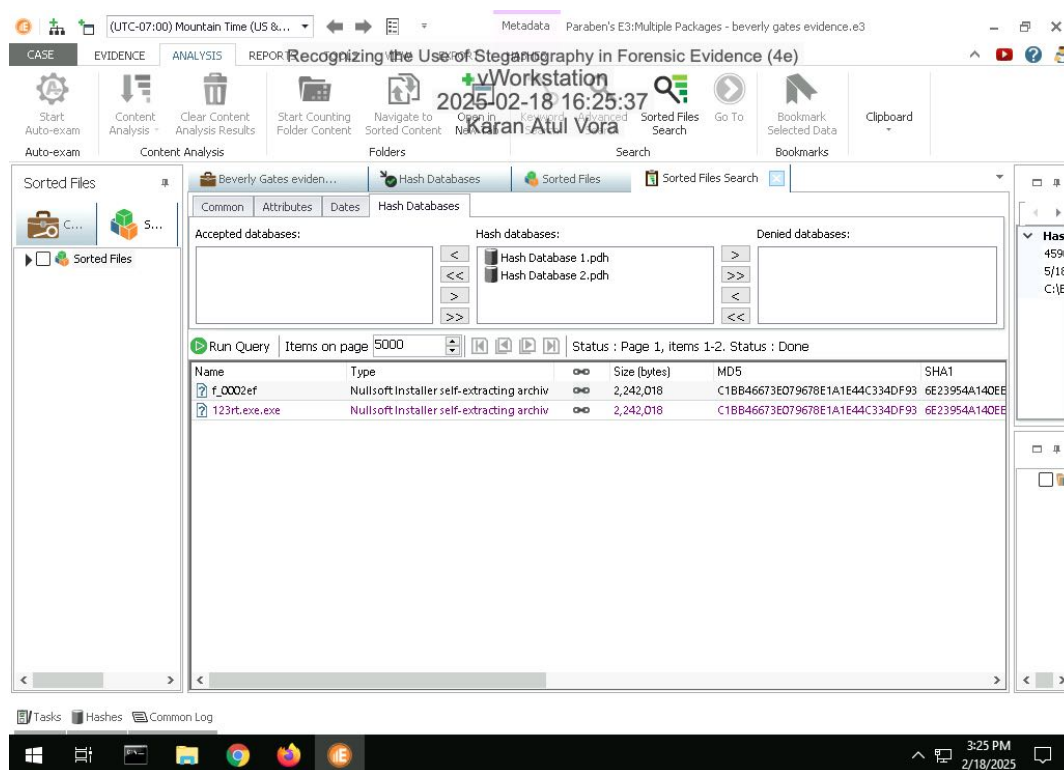
Part 2: Detect Hidden Data in Image and Audio Files

4. **Identify** the image file with concealed data according to the StegExpose steganalysis tool.

dB9olser.gif

7. **Make a screen capture** showing the **WAV file sizes and hash values in E3**.
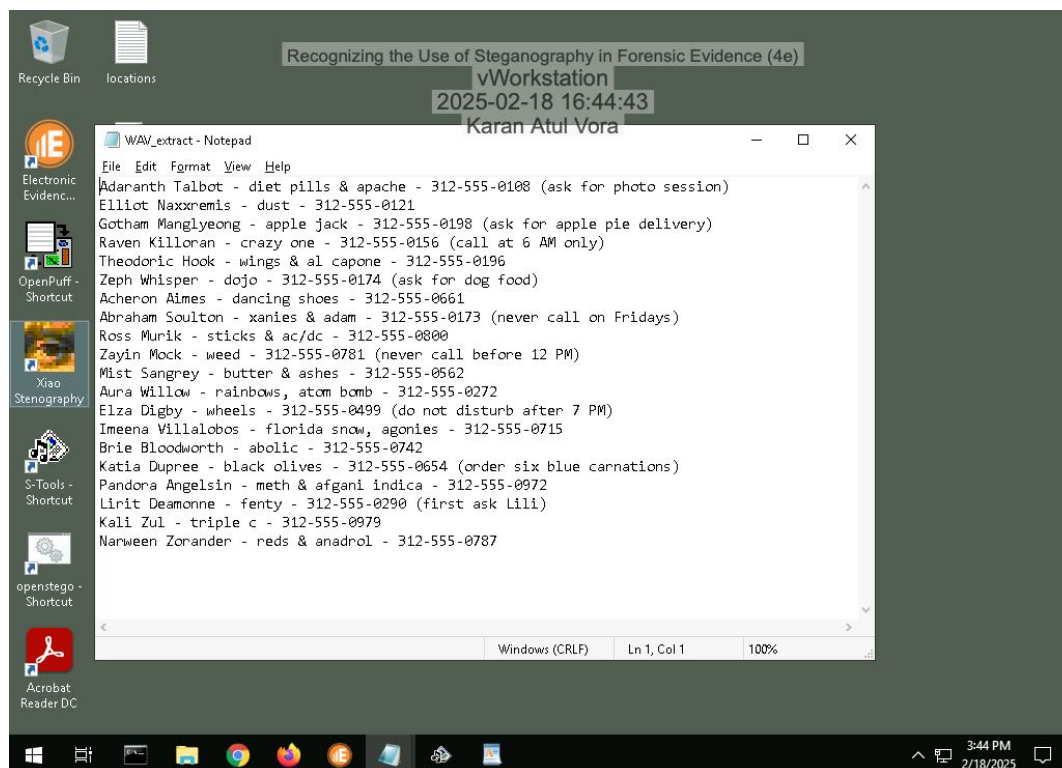

Part 3: Extract Hidden Data from Image and Audio Files

9. **Make a screen capture** showing the **contents of the hidden file extracted by S-Tools**.
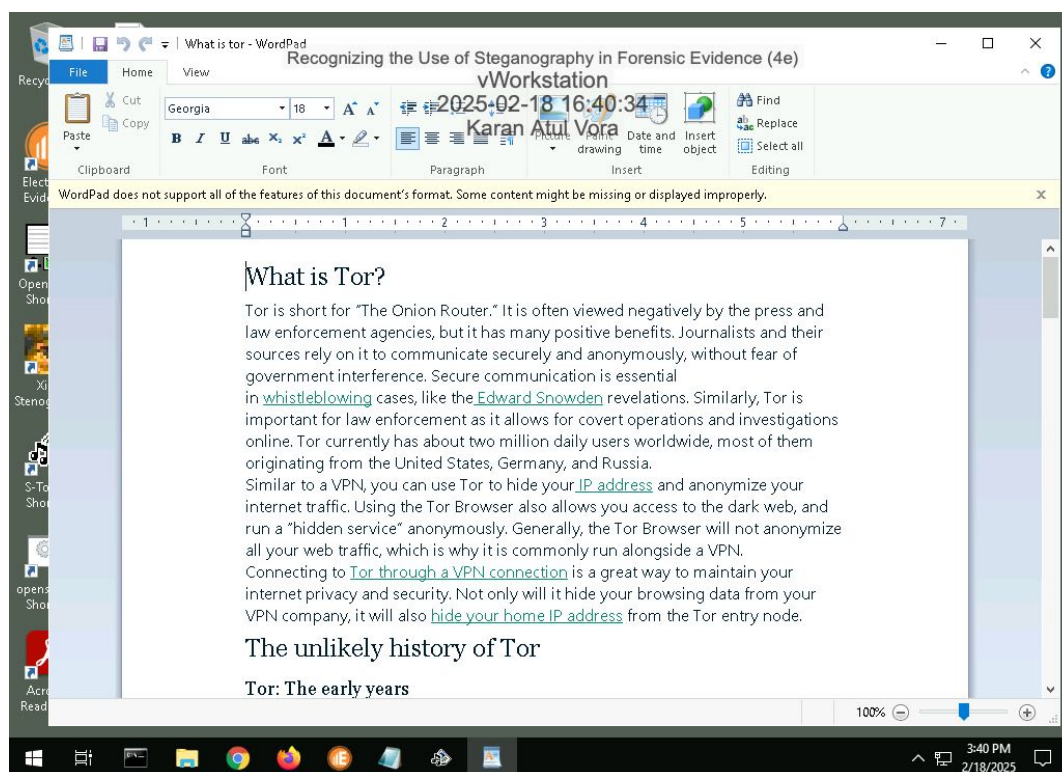
15. **Make a screen capture** showing the **contents of the hidden file extracted by Xiao**.

16. **Describe** the contents of the two hidden files. How might they be relevant to the current investigation?

The two hidden files provide the data on how anonymously the suspect would have communicated and the contact details of when to contact for what at what time.
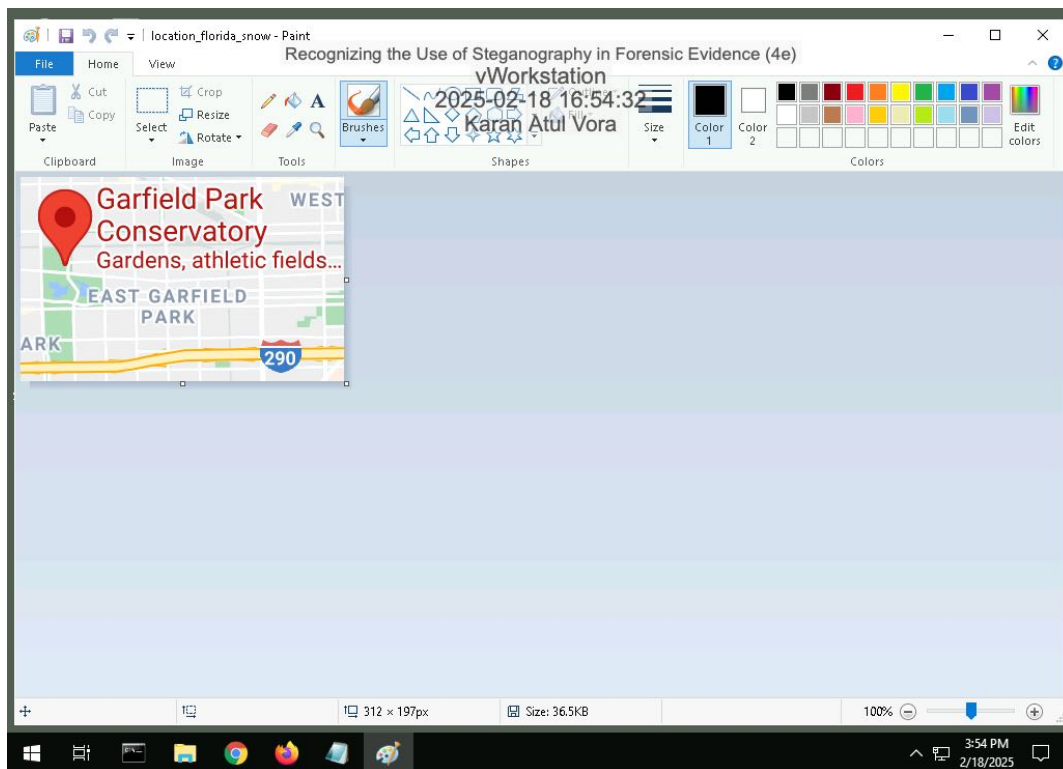
Section 3: Challenge and Analysis

Part 1: Detect More Hidden Data

Record the names of the files that contain concealed data.

chicago.bmp, chicago1.bmp

Part 2: Extract More Hidden Data

Make a screen capture showing the **first file extracted by OpenStego**.

Make a screen capture showing the **second file extracted by OpenStego**.