| Student: | Email: |
| --- | --- |
| Vishal Singh Bhardvaj | |

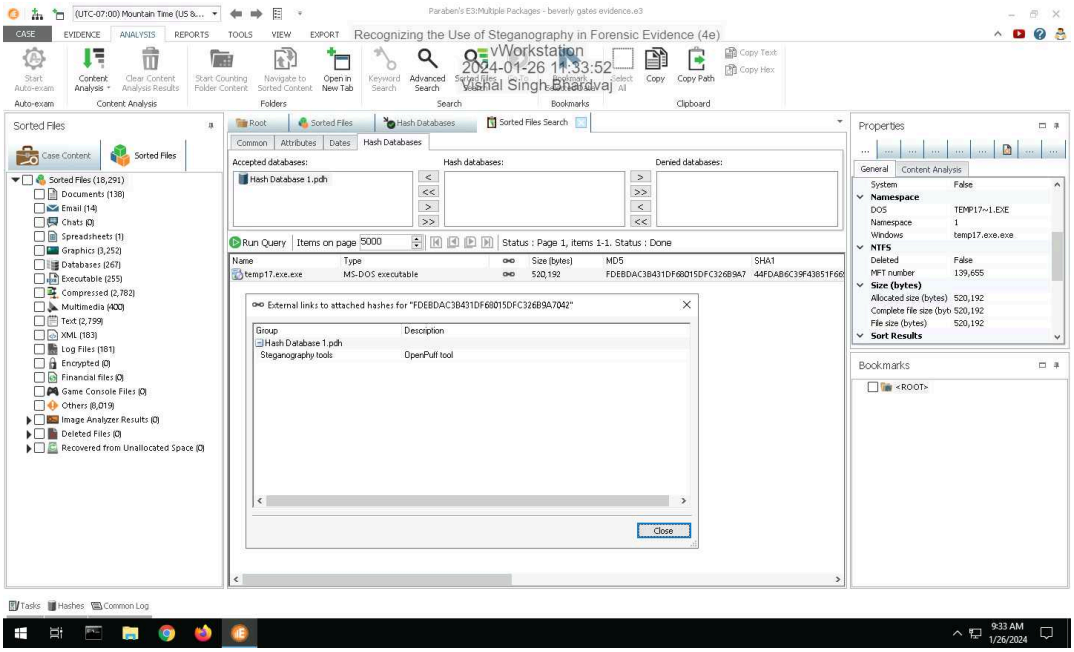
| Time on Task: | Progress: |
| --- | --- |
| 1 hour, 35 minutes | 100% |

Report Generated: Friday, January 26, 2024 at 12:56 PM

# Section 1: Hands-On Demonstration

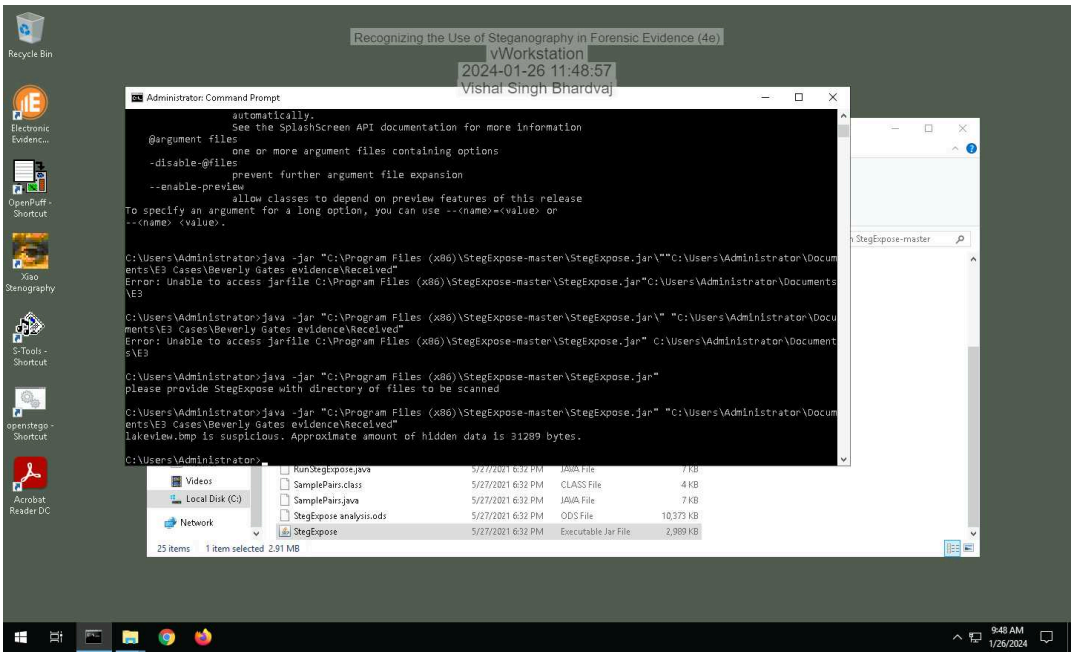
## Part 1: Detect Steganography Software on a Drive Image

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

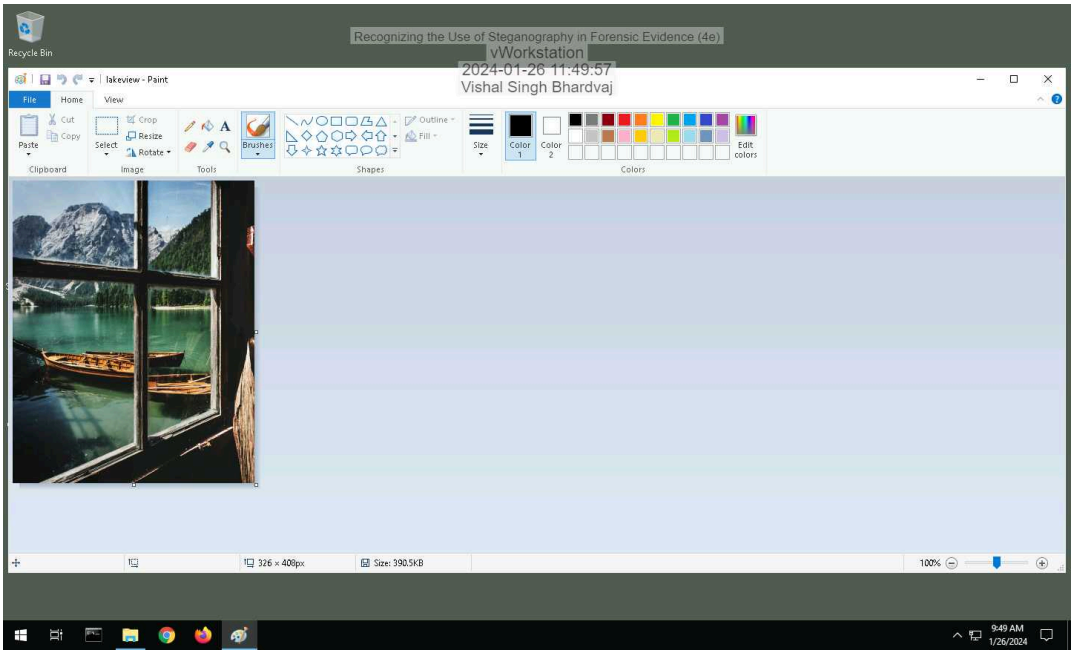



## Part 2: Detect Hidden Data in Image Files

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**.

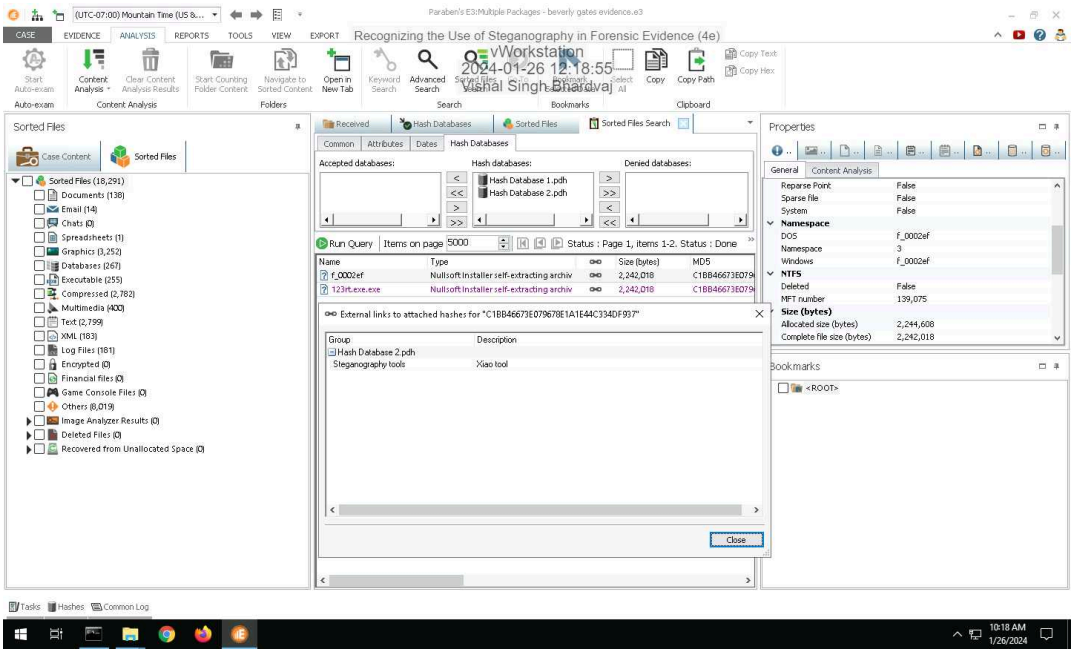

17. **Describe** the contents of the hidden file. How might it be relevant to the current investigation?

location.txt file provides list of location coordinate and addresses. These are in Chicago. It should be addresses of either the drug suppliers or those who wants to buy the drug or a mix of both.

# 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**.

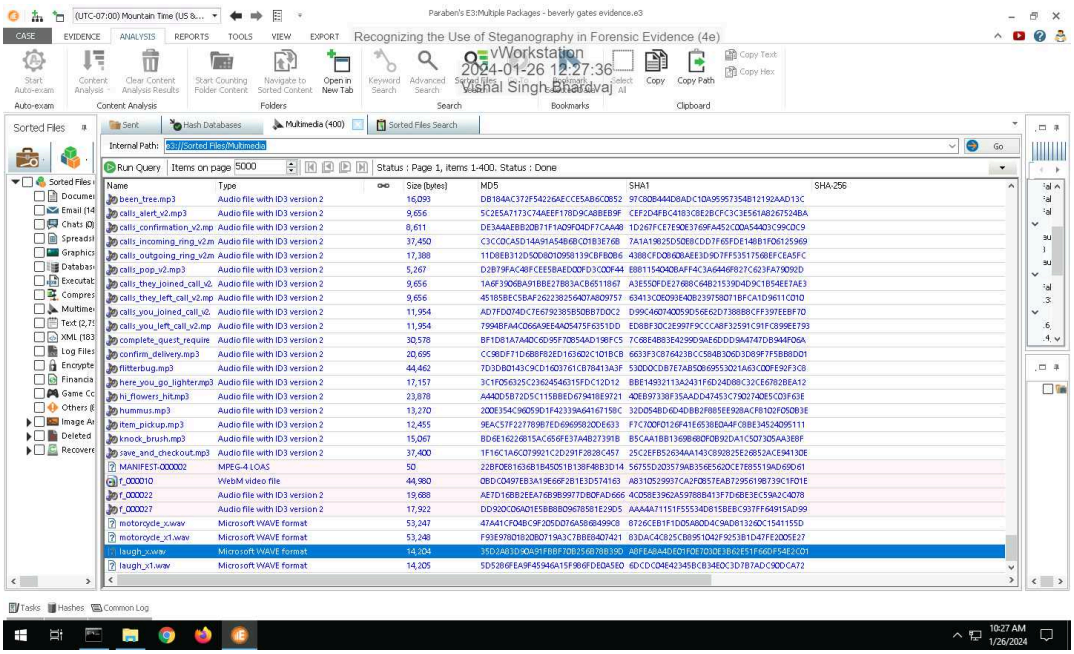



## Part 2: Detect Hidden Data in Image and Audio Files

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

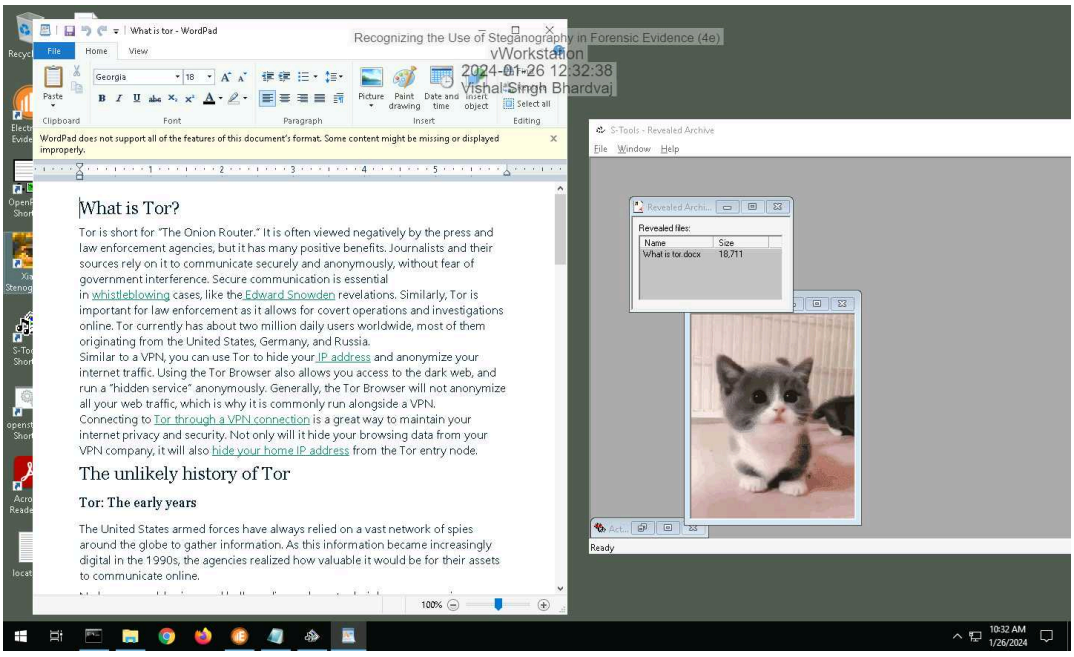
dB9olser.gif

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

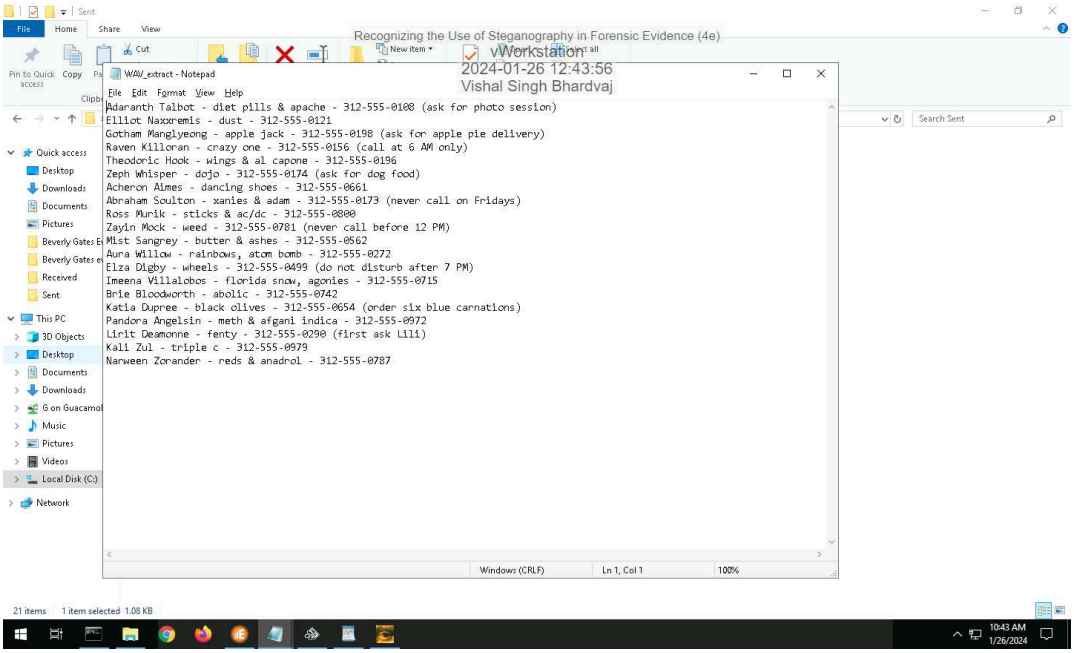



## Part 3: Extract Hidden Data from Image and Audio Files

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?

laugh_x seems to be original file and laugh_x1 wave file is hiding information of possibly drug suppliers. There are drug related words there. So person modified original wave file to hide information.

# Section 3: Challenge and Analysis

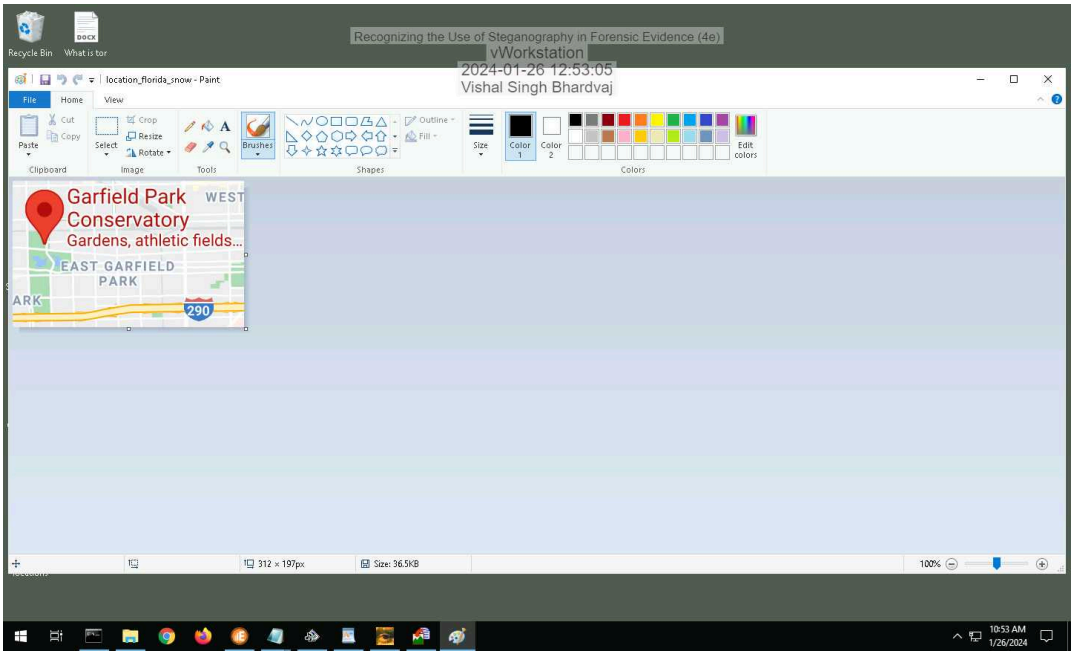
## Part 1: Detect More Hidden Data

**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**.