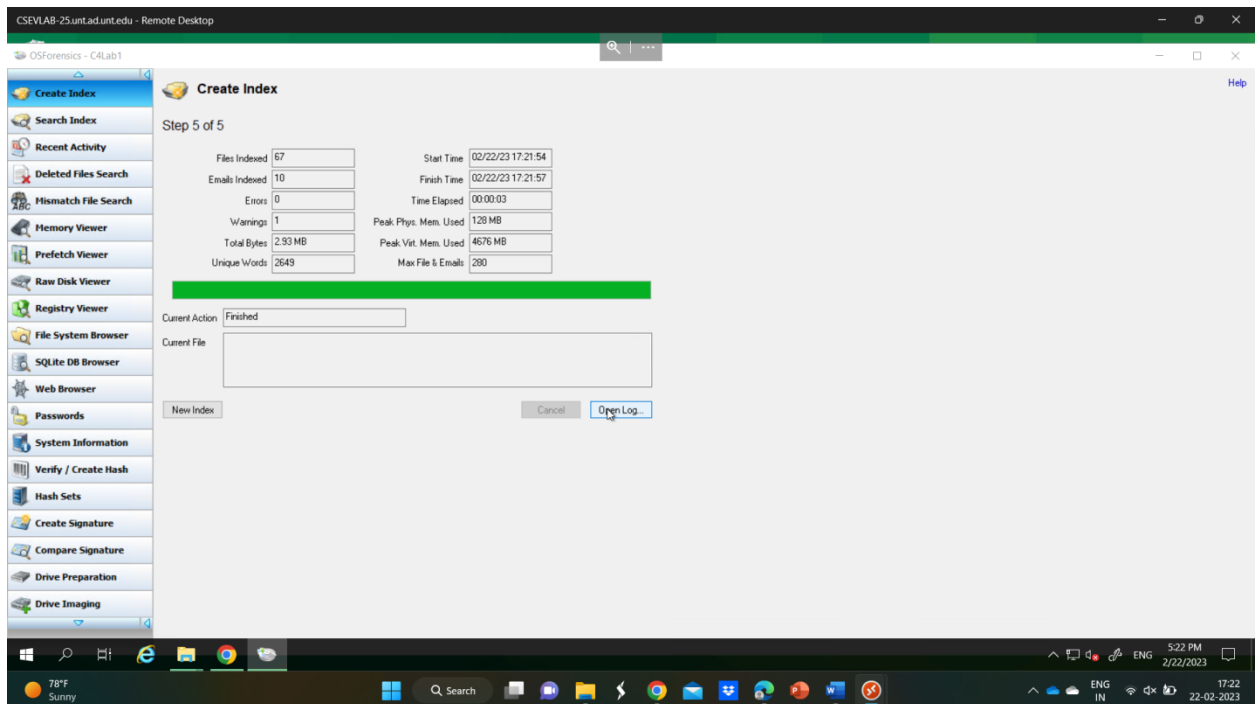


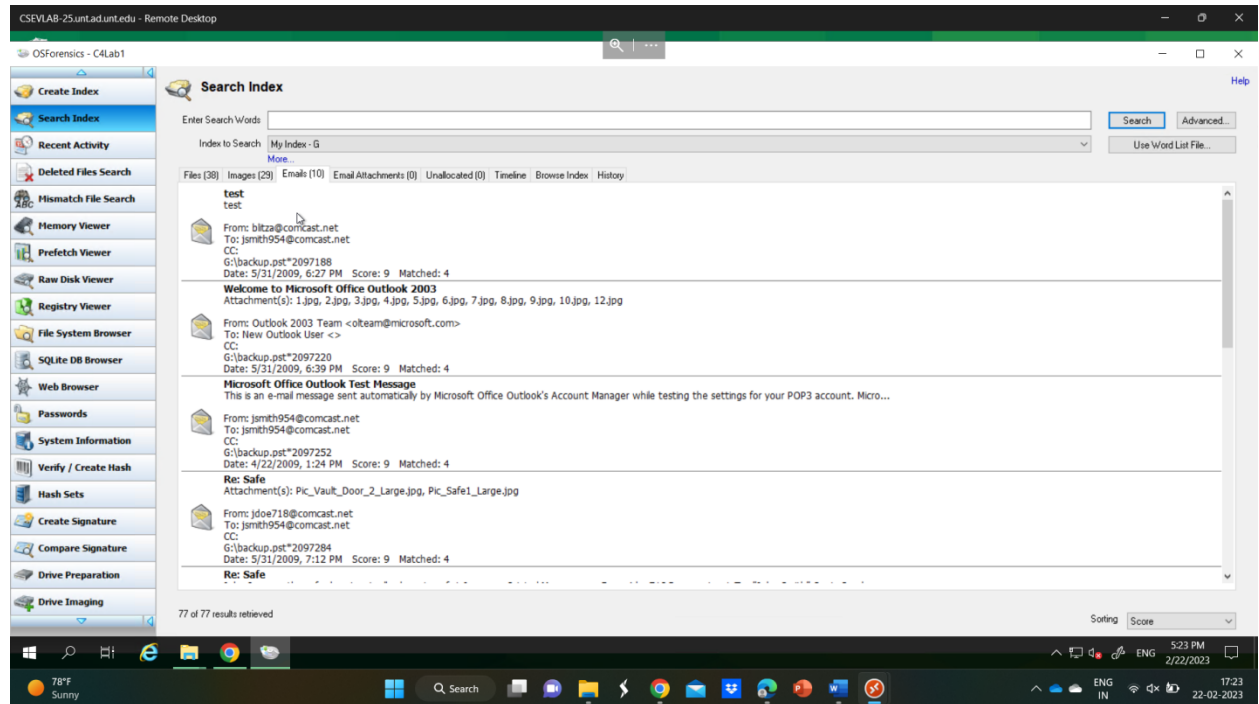
Lab 02 Project (Chapter 4)

Processing Crime and Incident Scenes

- a. How many deleted files were recovered in this image? 9
- b. What was the name of the lowest performing stock identified in this file in both Gain/Loss and Percent Gain/Loss? Coca-Cola
- c. How many clusters does this file take up? 8
- d. Who is the author of the biometrics student paper? Suzy Zhao
- e. According to experts (back in 2005), what technology will become the home user's authentication device for e-commerce transactions? Fingerprint scanners
- f. What are the first five digits (in hex) of the MD5 file hash for this image? 94f98
- g. What are the first five digits (in hex) of the SHA-1 file hash for this image? 12ac1
- h. How many unique words were found in the image? 2649



- i. How many “Files” were found in this image? 38
- j. How many “Images” were found in this image? 29



- k. Now click on the **Browse Index** tab and search through the results. How many instances of the word “Bank” were found? 6
- l. What is the name of this file? Y2.jpg
- m. What is the hexadecimal character encoding for JFIF? 4A46 4946
- n. What Camera Model Name was the picture taken with? Canon EOS DIGITAL REBEL XT

Searching for E-Mail Evidence Using OSForensics

- o. How many “Emails” were found in this image? 10
- p. How many e-mail messages are contained in the Inbox mailbox? 5
- q. How many attached graphic images are contained in this message? 2
- r. What is the subject of this e-mail message? Safe
- s. How many e-mail messages are contained in the Sent Items mailbox? 4
- t. What is the e-mail time of the last sent e-mail message? 7:38pm
- u. To whom did John Smith send the last e-mail message? mpeters24@comcast.net

Searching for Keywords in OSForensics

- v. In how many files was the word **bank** found? 1
- w. In how many e-mails was the word **bank** found? 5
- x. How many results for the words **bank vault** appear? 4
- y. Who is the recipient of this e-mail message? jsmith954@comcast.net
- z. Who was John's accomplice in the crime? Jane
- aa. Which branch location is the suspect inquiring about? First united bank
- bb. Where does John Smith plan to go to in his escape? Bora Bora
- cc. What is the name of the file containing the words **back** and **door**? Bank Location.doc

- dd. Which exit do the tellers use to leave the bank? Back door facing front street
- ee. On what date was this document created? 06/22/2009
- ff. What is the readable title of the document that is different from the actual name of the file? Sail the waters
- gg. Could this file implicate another person? And if so, what is the name of the other possible accomplice? Terry Kosmatka