Name Sonia

Assignment 1

ID 24109119

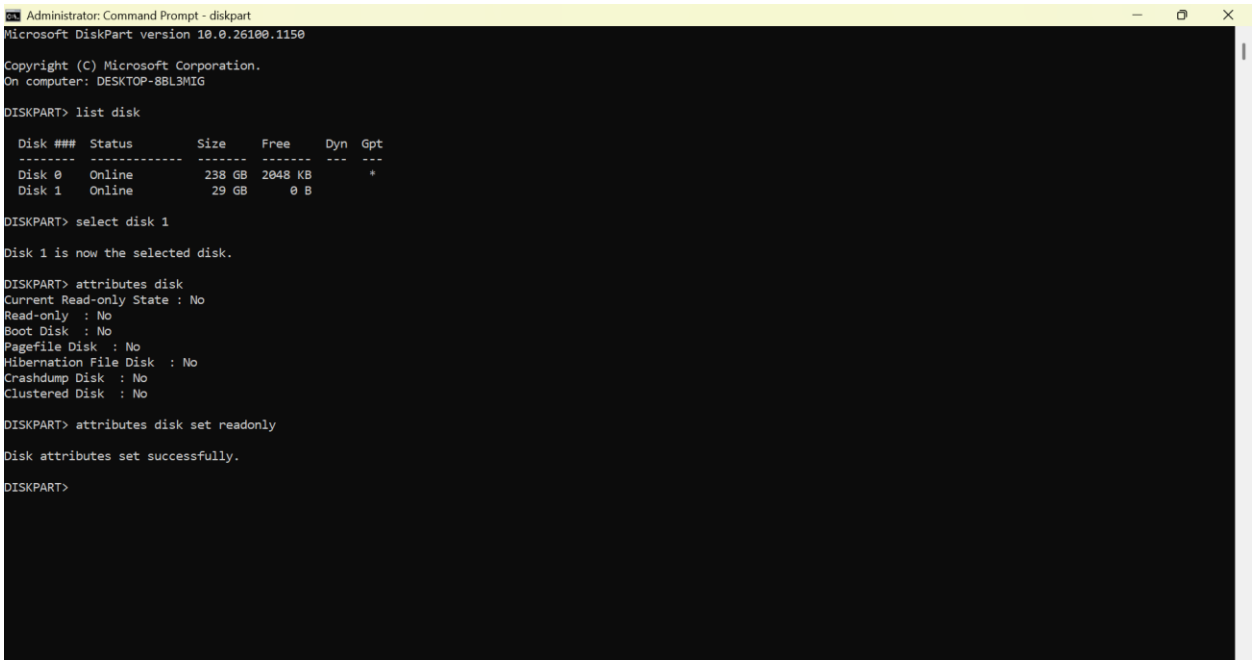
Assignment:

Make the USB drive protected, create a DD Image, and extract data through Autopsy.

Subject: Digital Forensics

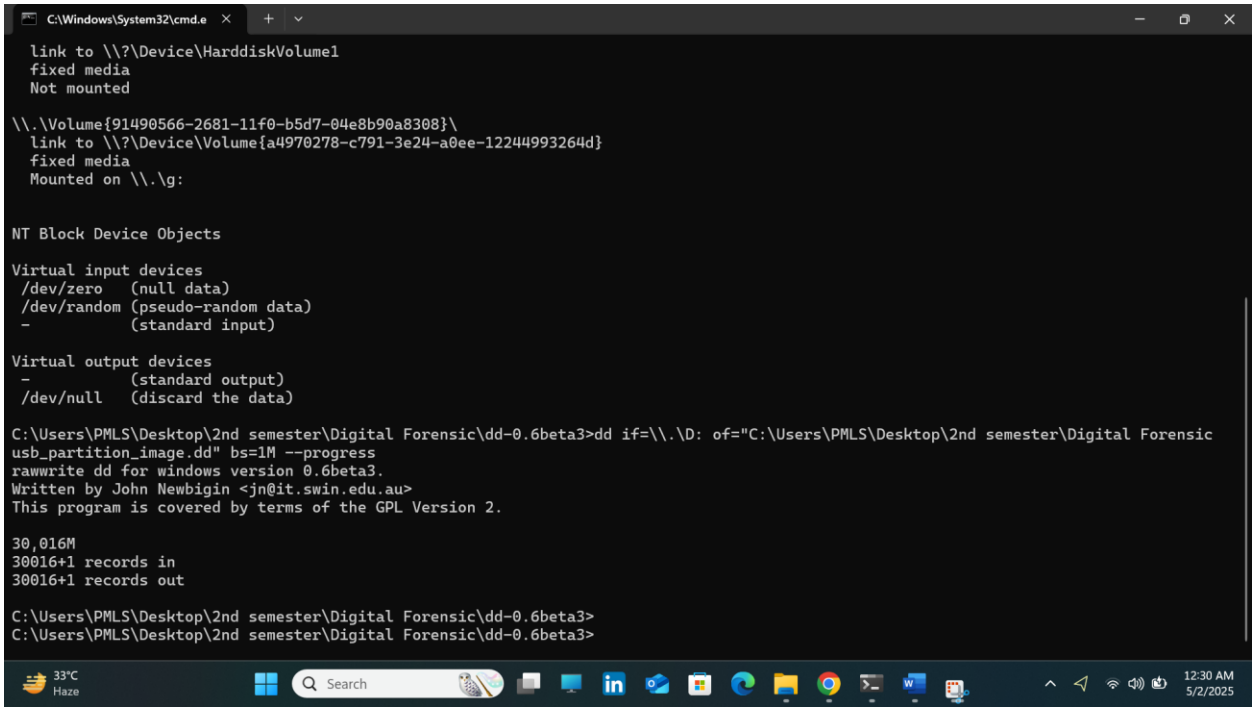
Professor: Muhammad Waqar

Task 1: USB Protected Read only mode:

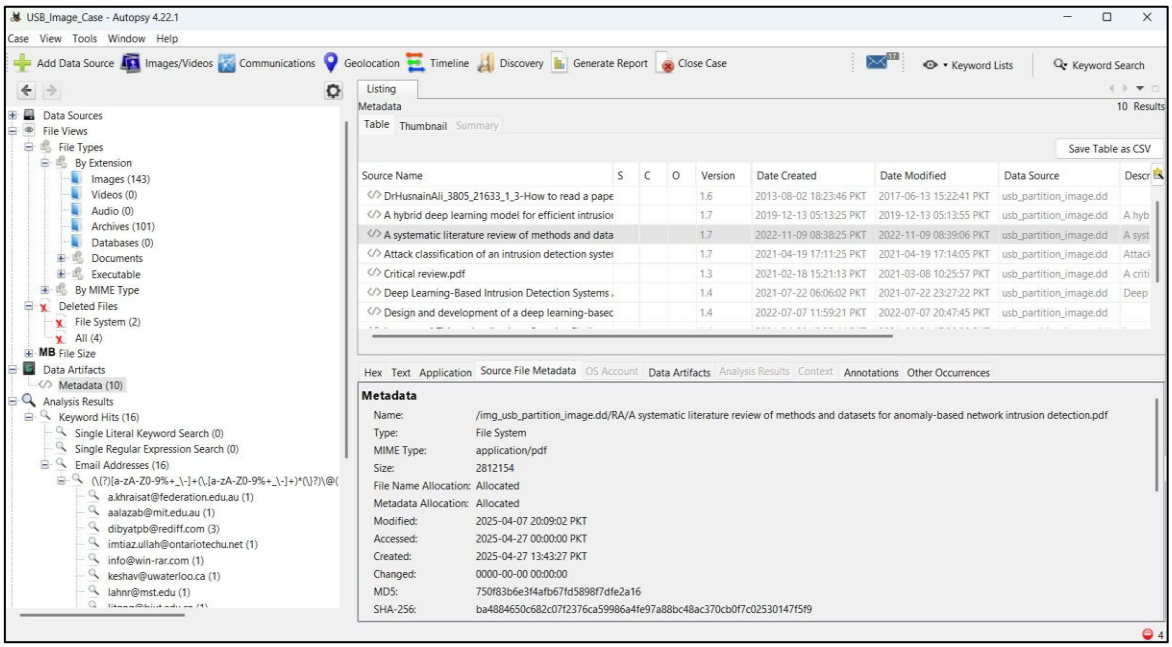


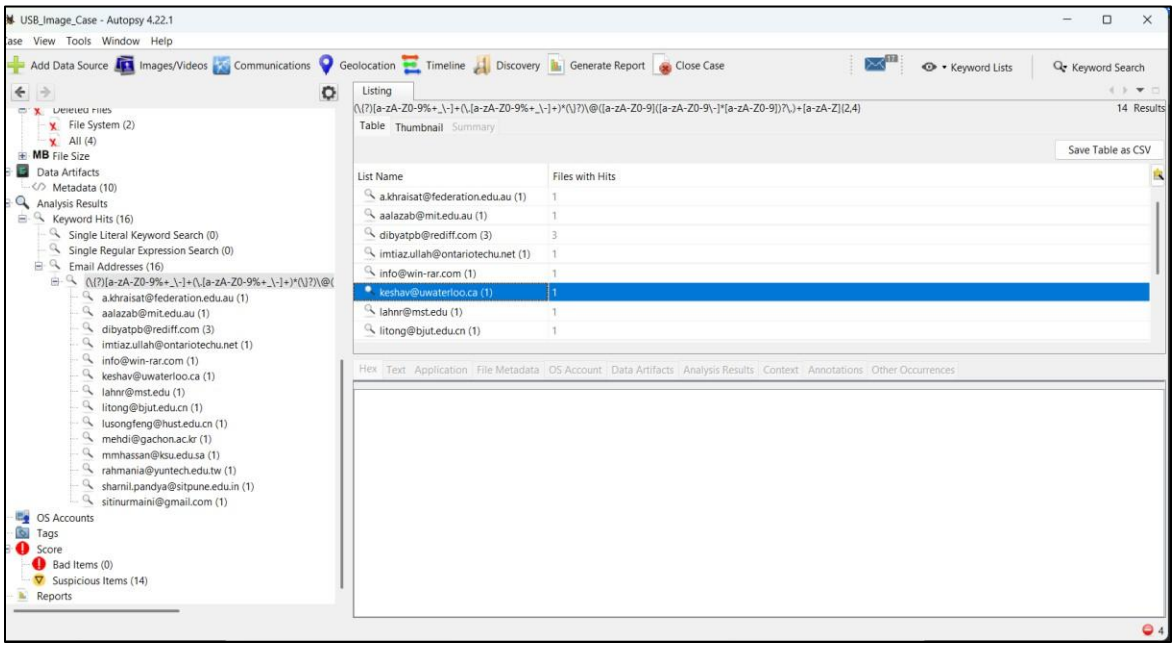
Task 2: Create DD Image:

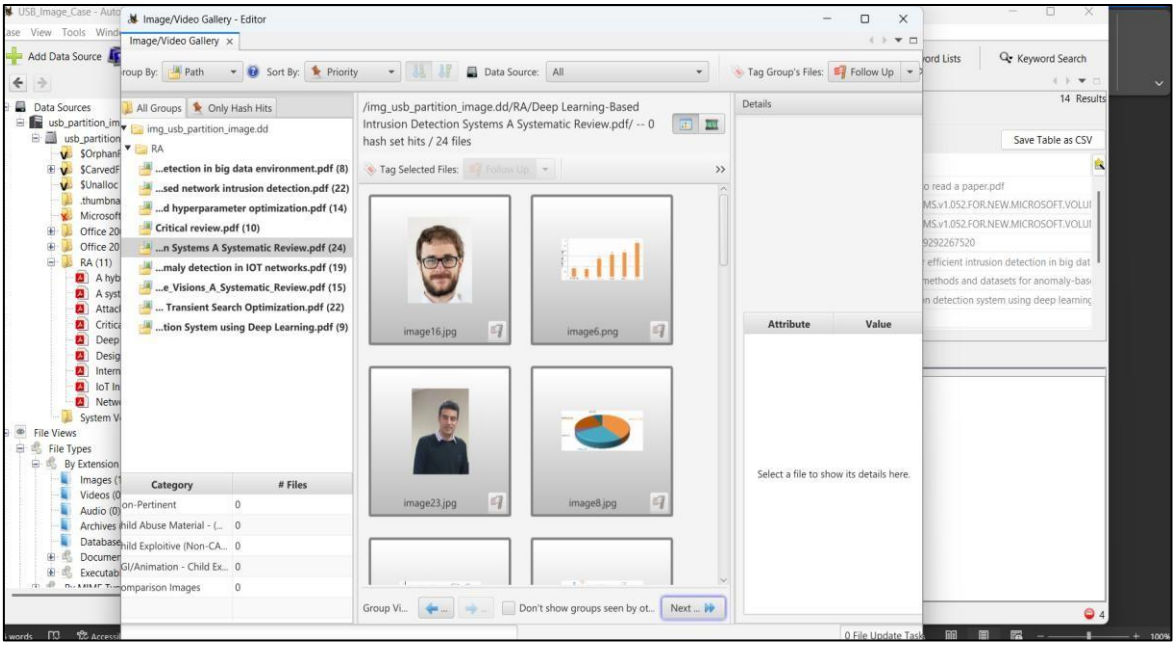
```
C:\Users\PMLS\Desktop\2nd semester\Digital Forensic\dd-0.6beta3>dd --list
rawwrite dd for windows version 0.6beta3.
Written by John Newbigin <jn@it.swin.edu.au>
This program is covered by terms of the GPL Version 2.

Win32 Available Volume Information
\\.\Volume{e56d3d1d-9853-4f4b-9adf-d8111f39fe06}\
  link to \\?\Device\HarddiskVolume3
  fixed media
  Mounted on \\.\c:

\\.\Volume{a278889d-b082-4e69-a581-9fea86a35bf9}\
  link to \\?\Device\HarddiskVolume4
  fixed media
  Not mounted

\\.\Volume{9149033a-2681-11f0-b5d7-04e8b90a8308}\
  link to \\?\Device\HarddiskVolume7
  removeable media
  Mounted on \\.\d:

\\.\Volume{7f63c9cc-2b56-4766-86a7-011543d72d65}\
  link to \\?\Device\HarddiskVolume1
  fixed media
  Not mounted

\\.\Volume{91490566-2681-11f0-b5d7-04e8b90a8308}\
  link to \\?\Device\Volume{a4970278-c791-3e24-a0ee-12244993264d}
  fixed media
  Mounted on \\.\g:
```



Task 3 Autopsy:




USB_Image_Case - Autopsy 4.22.1
Case View Tools Window Help
Add Data Source
Images/Videos
Communications
Geolocation
Timeline
Discovery
Generate Report
Close Case
Keyword Lists
Keyword Search
Listing
14 Results
Table
Thumbnail
Summary
Save Table as CSV
List Name
Files with Hits
a.khraisat@federation.edu.au (1)
aalazab@mit.edu.au (1)
dibyatpb@rediff.com (3)
imtiaz.ullah@ontariotechu.net (1)
info@win-rar.com (1)
keshav@uwaterloo.ca (1)
lahnr@mst.edu (1)
litong@bjut.edu.cn (1)
Hex
Text
Application
File Metadata
OS Account
Data Artifacts
Analysis Results
Context
Annotations
Other Occurrences
File System (2)
All (4)
File Size
Data Artifacts
Metadata (10)
Analysis Results
Keyword Hits (16)
Single Literal Keyword Search (0)
Single Regular Expression Search (0)
Email Addresses (16)
lusongfeng@hust.edu.cn (1)
mehdi@gachon.ac.kr (1)
mmhassan@ksu.edu.sa (1)
rahmania@yuntech.edu.tw (1)
sharnil.pandya@sitpune.edu.in (1)
sitinurmaini@gmail.com (1)
OS Accounts
Tags
Score
Bad Items (0)
Suspicious Items (14)
Reports


Image/Video Gallery - Editor
Image/Video Gallery
Group By: Path
Sort By: Priority
Data Source: All
Tag Group's Files: Follow Up
All Groups
Only Hash Hits
img_usb_partition_image.dd
RA
...etection in big data environment.pdf (8)
...sed network intrusion detection.pdf (22)
...d hyperparameter optimization.pdf (14)
Critical review.pdf (10)
...n Systems A Systematic Review.pdf (24)
...maly detection in IOT networks.pdf (19)
...e_Visions_A_Systematic_Review.pdf (15)
... Transient Search Optimization.pdf (22)
...tion System using Deep Learning.pdf (9)
/img_usb_partition_image.dd/RA/Deep Learning-Based Intrusion Detection Systems A Systematic Review.pdf/ -- 0 hash set hits / 24 files
Tag Selected Files:
image16.jpg
image6.png
image23.jpg
image8.jpg
Details
Attribute
Value
Select a file to show its details here.
Category
Files
Comparison Images
Group Vi...
Don't show groups seen by ot...
Next ...
Add Data Source
Data Sources
File Views
File Types
Keyword Search
Save Table as CSV
14 Results