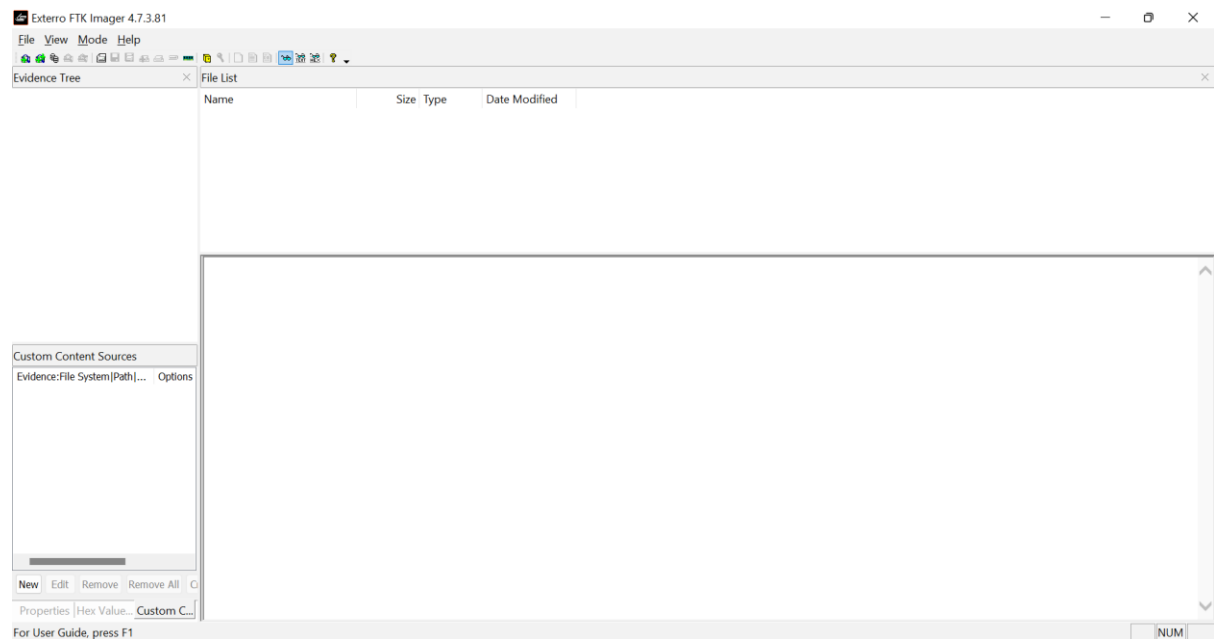


***DATA ACQUISITION EXERCISE***

***“ACQUIRE A REMOVABLE MEDIA USING FTK IMAGER”***

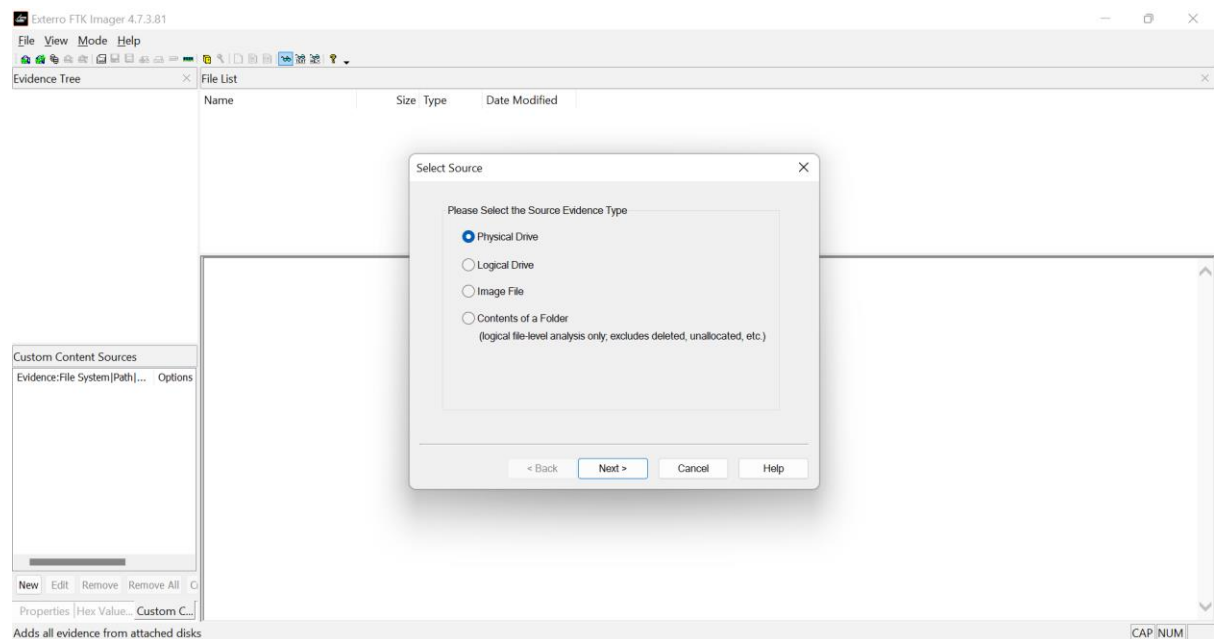
***SUBMITTED BY ADENIKE OLUWABUSOLA ONI***

# FTK Imager Software



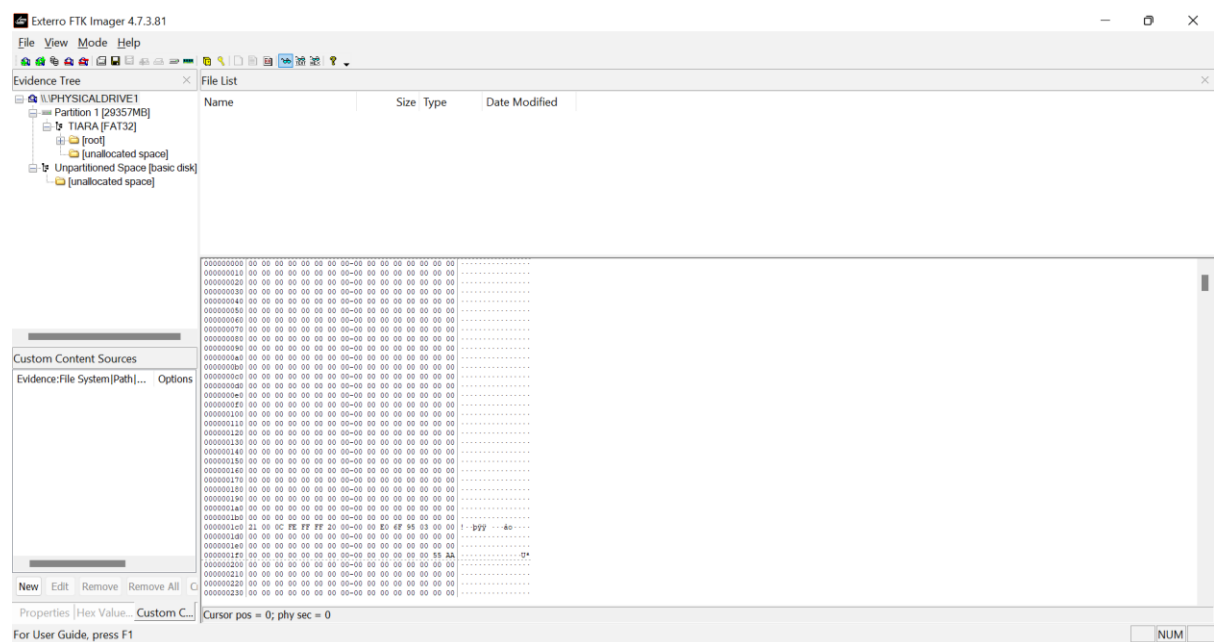
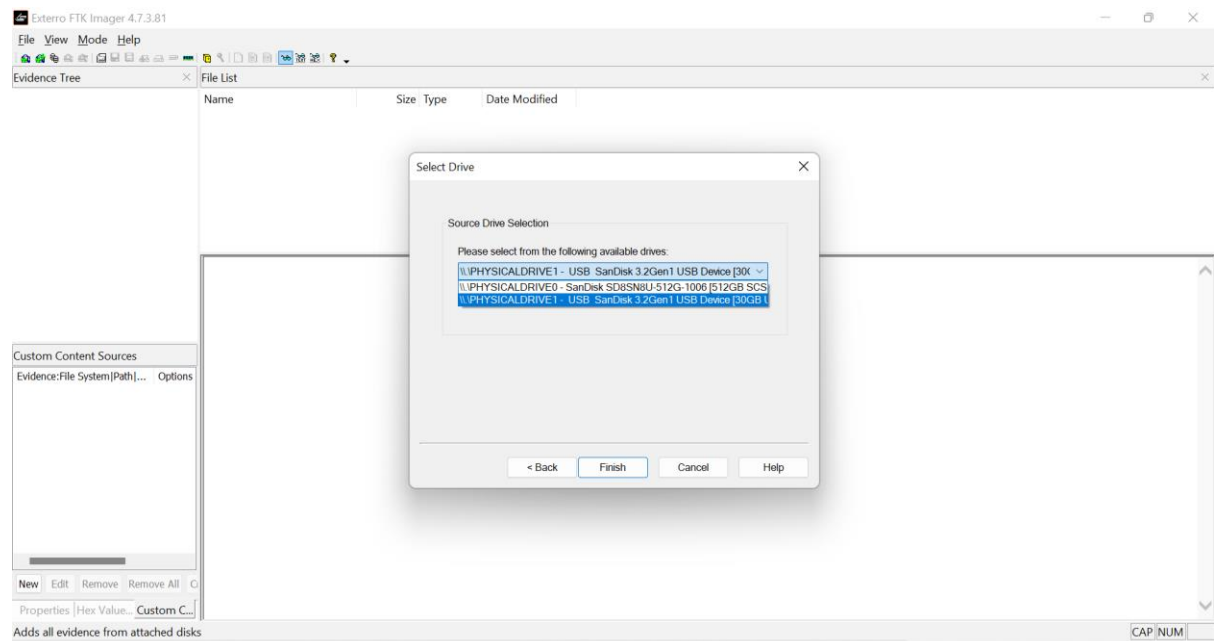
## Step 1:- Select the evidence source type

File - Add Evidence Item - Physical drive - Next



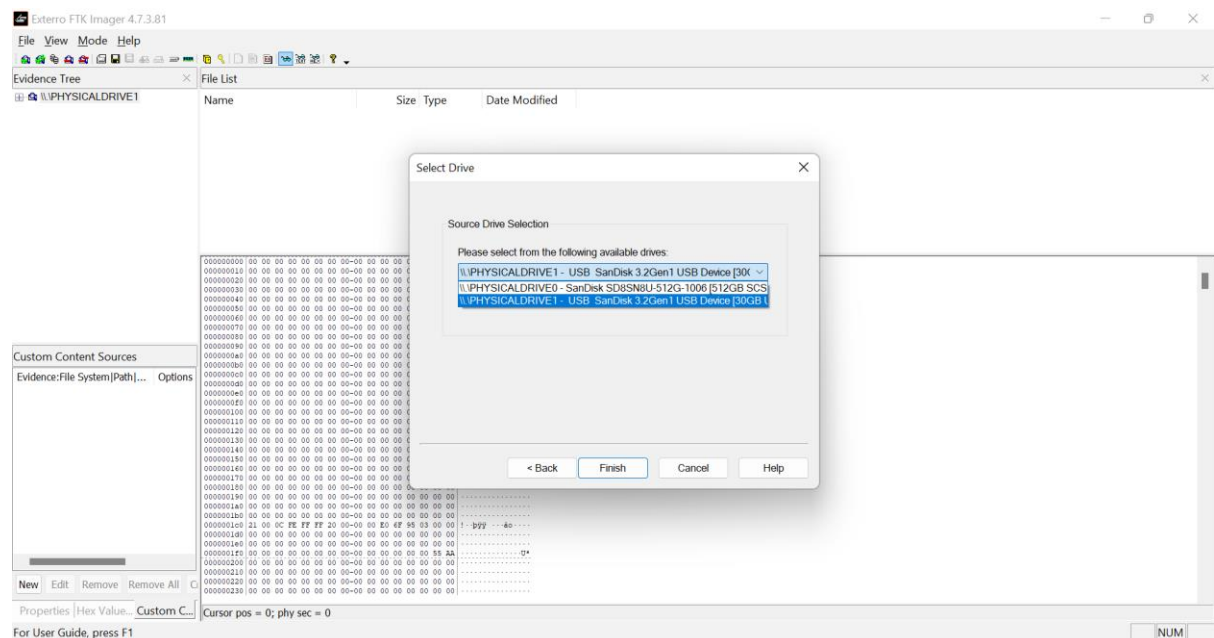
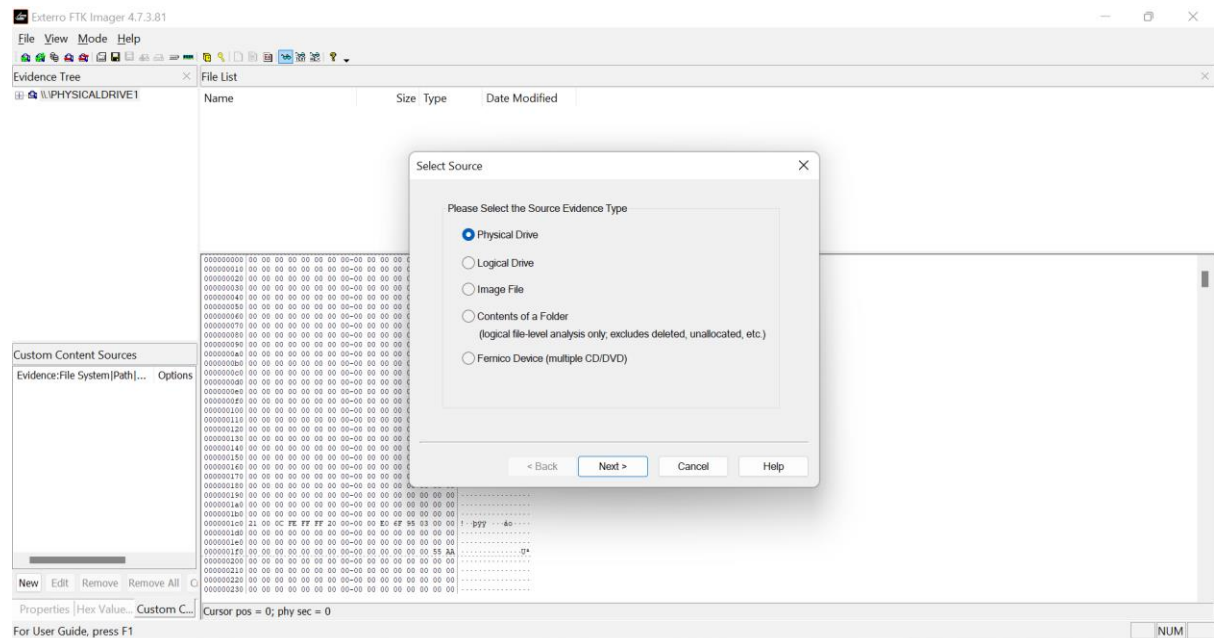
## Step 2:- Source drive selection.

Select the attached drive in the drop-down menu - Finish

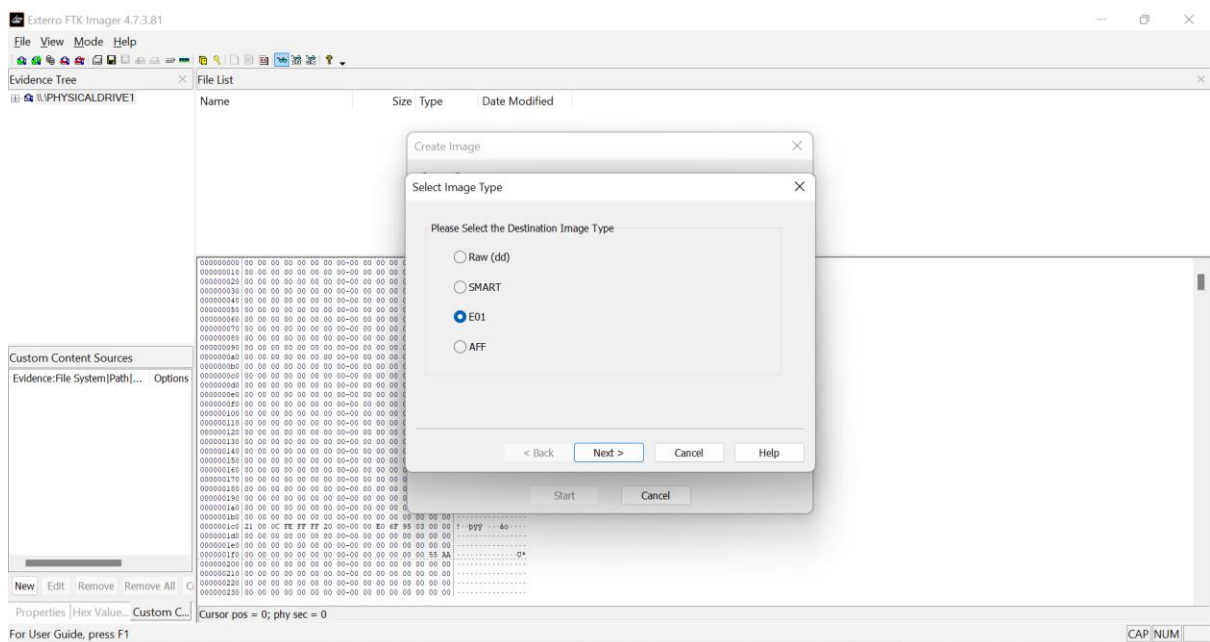
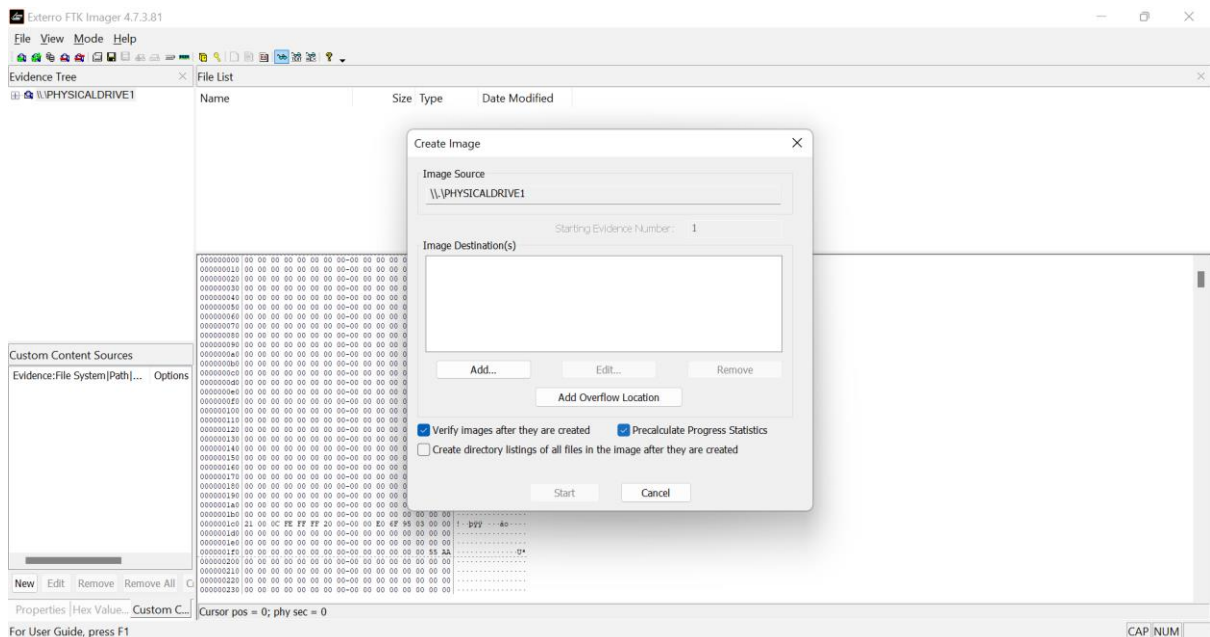


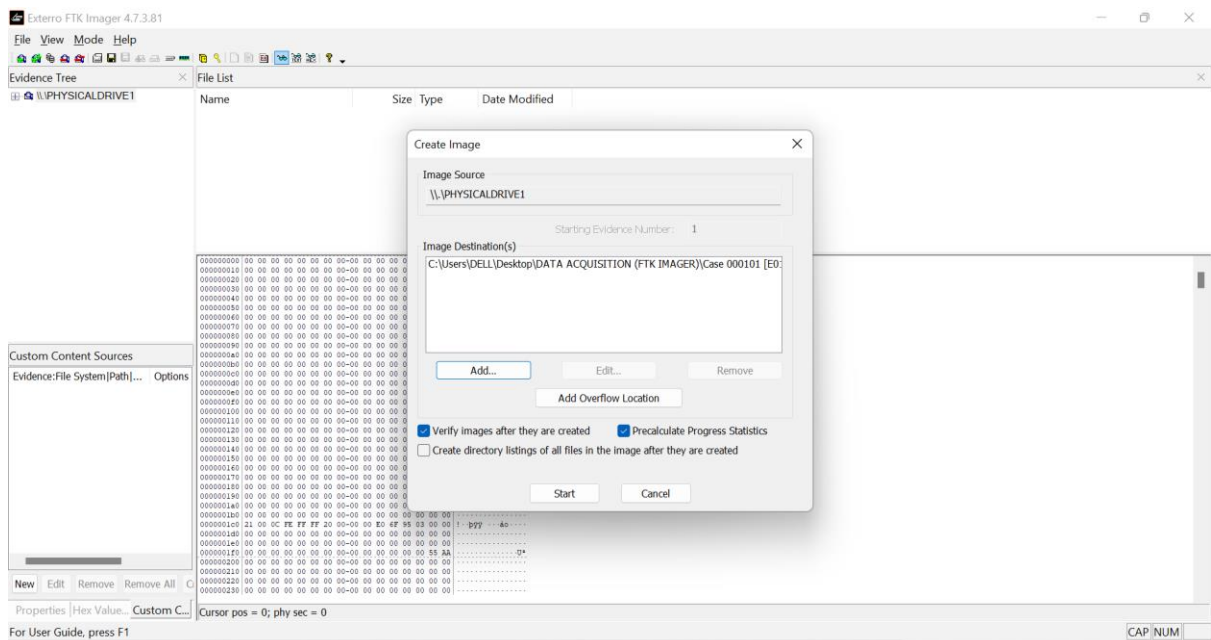
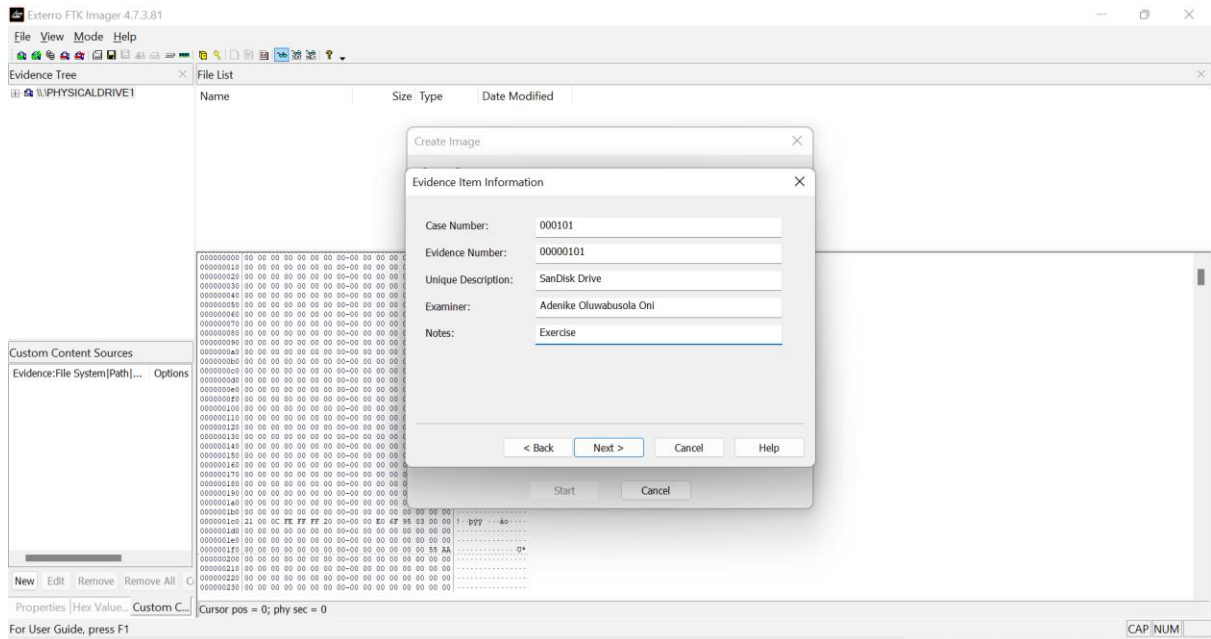
### Step 3:- Create the Disk Image.

File - Create Disk Image - Physical drive - Next - Select source drive -  
Select the attached drive in the drop-down menu - Finish

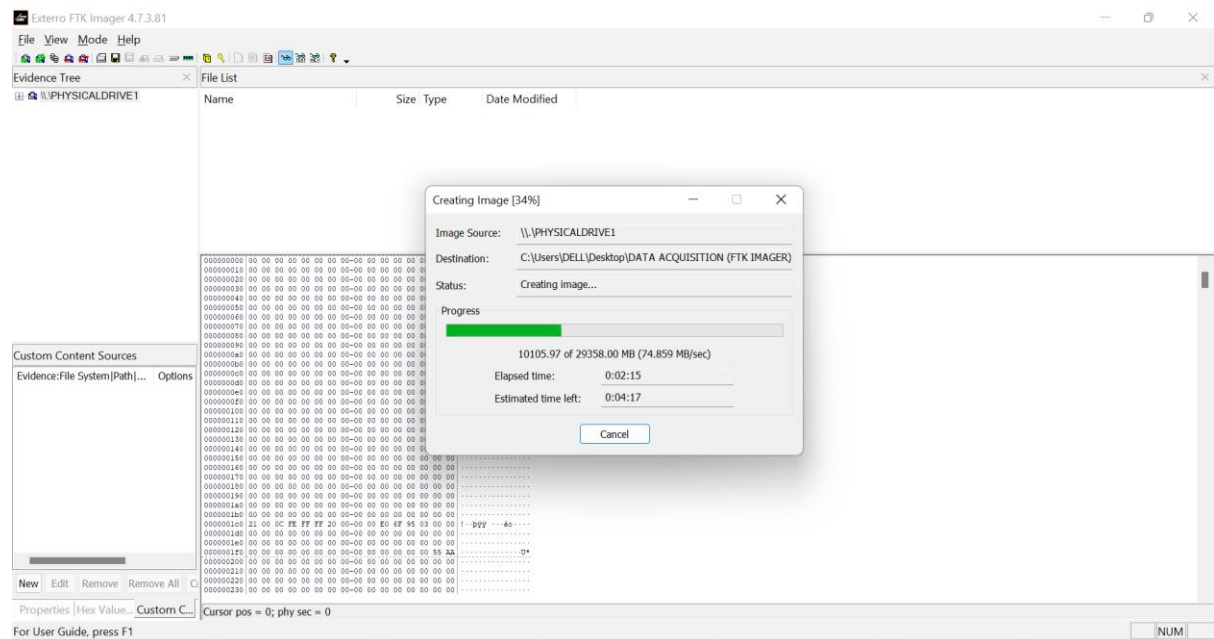


**Step 4:-** Create and add image - Add - Select image type - Select the destination image type - E01 - Next - Enter evidence item information - Next - Select image destination folder - Image destination folder - browse - DATA ACQUISITION (FTK IMAGER) - OK - Image file name (Case 000101) - Select image fragment size = 0 - Select 6 for compression

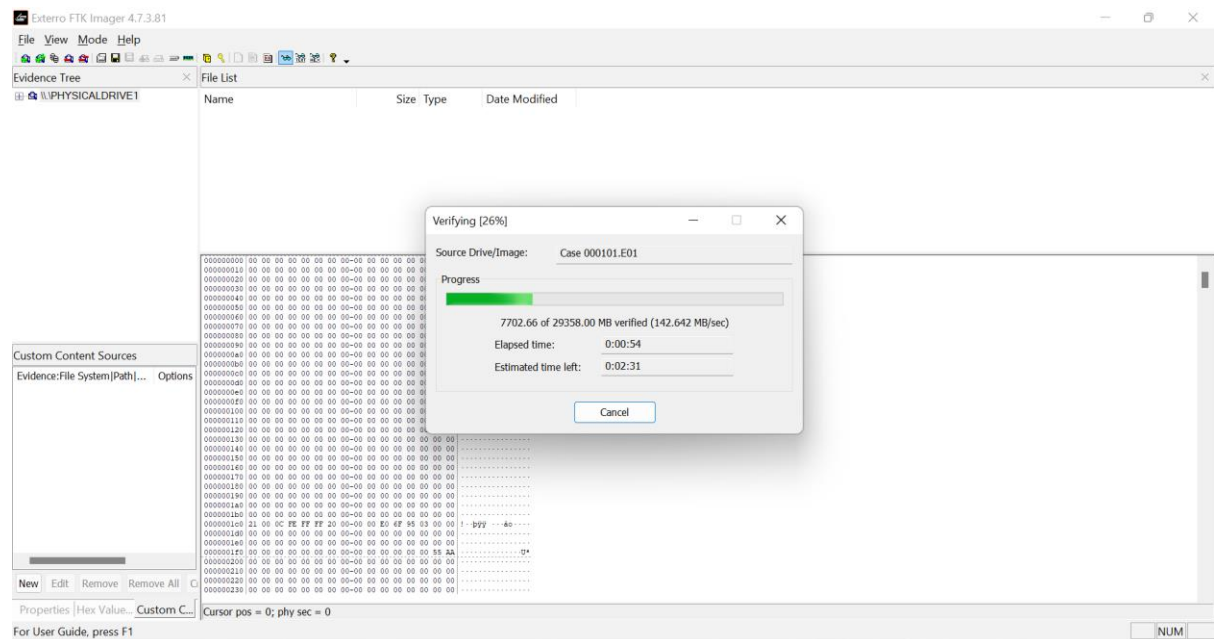




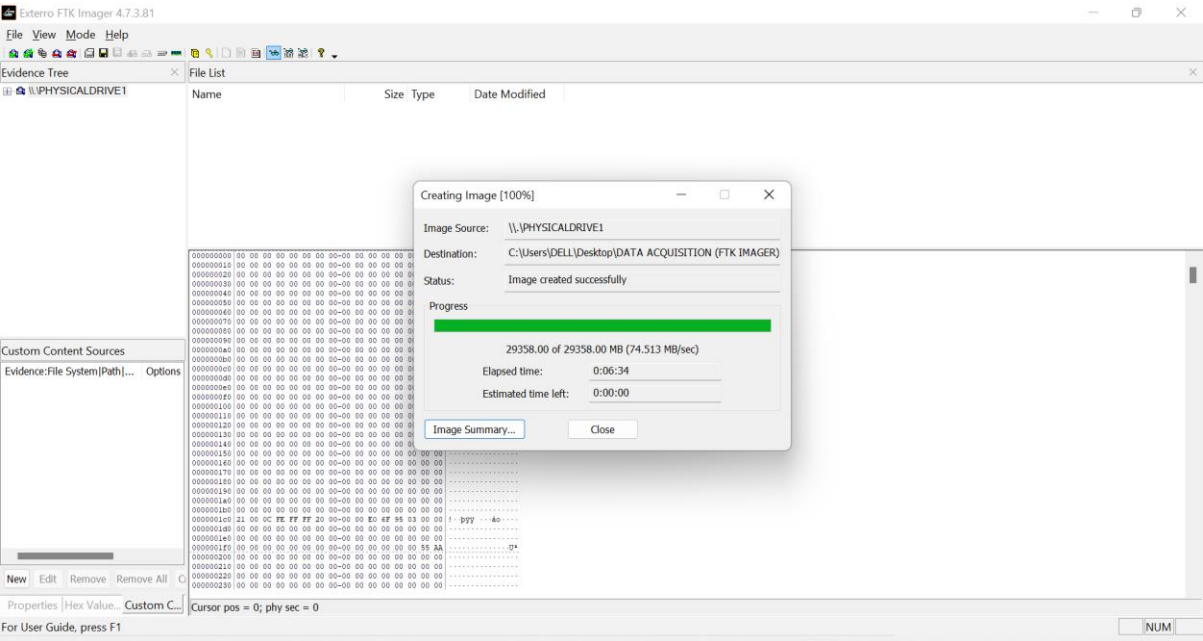
# Creating Image



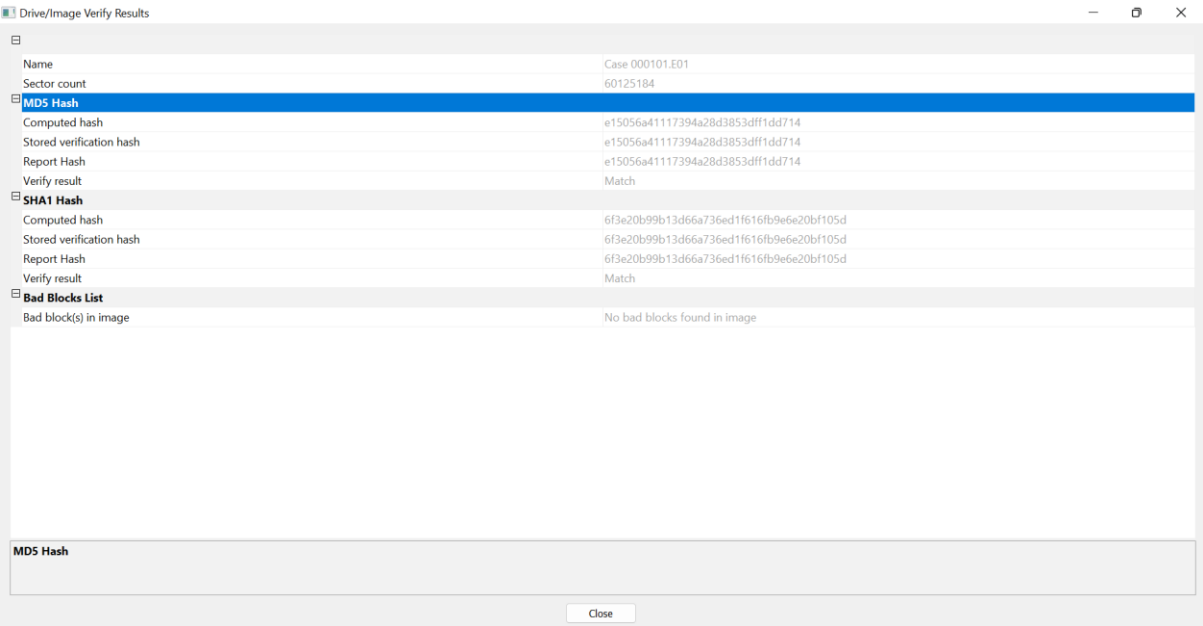
# Verifying Image



# Image created



# Drive/Image results



# Image file folder

Name	Date modified	Type	Size
Case 000101.E01	28/01/2025 14:52	E01 File	100,353 KB
Case 000101.E01	28/01/2025 14:56	Text Document	2 KB



# Text file content

```
Case 000101.E01.txt
File Edit View

Created By Exterro® FTK® Imager 4.7.3.81

Case Information:
Acquired using: ADI4.7.3.81
Case Number: 000101
Evidence Number: 00000101
Unique description: SanDisk Drive
Examiner: Adenike Oluwabusola Oni
Notes: Exercise

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Information for C:\Users\DELL\Desktop\DATA ACQUISITION (FTK IMAGER)\Case 000101:

Physical Evidentiary Item (Source) Information:
[Device Info]
Source Type: Physical
[Drive Geometry]
Cylinders: 3,742
Tracks per Cylinder: 255
Sectors per Track: 63
Bytes per Sector: 512
Sector Count: 60,125,184
[Physical Drive Information]
Drive Model: USB SanDisk 3.2Gen1 USB Device
Drive Serial Number: 010149dec5e348c577f7
Drive Interface Type: USB
Removable drive: True
Source data size: 29358 MB
Sector count: 60125184
[Computed Hashes]
MD5 checksum: e15056a41117394a28d3853dff1dd714
SHA1 checksum: 6f3e20b99b13d66a736ed1f616fb9e6e20bf105d
```

```
Case 000101.E01.txt
File Edit View

Physical Evidentiary Item (Source) Information:
[Device Info]
Source Type: Physical
[Drive Geometry]
Cylinders: 3,742
Tracks per Cylinder: 255
Sectors per Track: 63
Bytes per Sector: 512
Sector Count: 60,125,184
[Physical Drive Information]
Drive Model: USB SanDisk 3.2Gen1 USB Device
Drive Serial Number: 010149dec5e348c577f7
Drive Interface Type: USB
Removable drive: True
Source data size: 29358 MB
Sector count: 60125184
[Computed Hashes]
MD5 checksum: e15056a41117394a28d3853dff1dd714
SHA1 checksum: 6f3e20b99b13d66a736ed1f616fb9e6e20bf105d

Image Information:
Acquisition started: Tue Jan 28 14:46:21 2025
Acquisition finished: Tue Jan 28 14:52:56 2025
Segment list:
C:\Users\DELL\Desktop\DATA ACQUISITION (FTK IMAGER)\Case 000101.E01
COMPUTED HASH : e15056a41117394a28d3853dff1dd714
COMPUTED HASH : 6f3e20b99b13d66a736ed1f616fb9e6e20bf105d

Image Verification Results:
Verification started: Tue Jan 28 14:52:56 2025
Verification finished: Tue Jan 28 14:56:30 2025
MD5 checksum: e15056a41117394a28d3853dff1dd714 : verified
SHA1 checksum: 6f3e20b99b13d66a736ed1f616fb9e6e20bf105d : verified
```