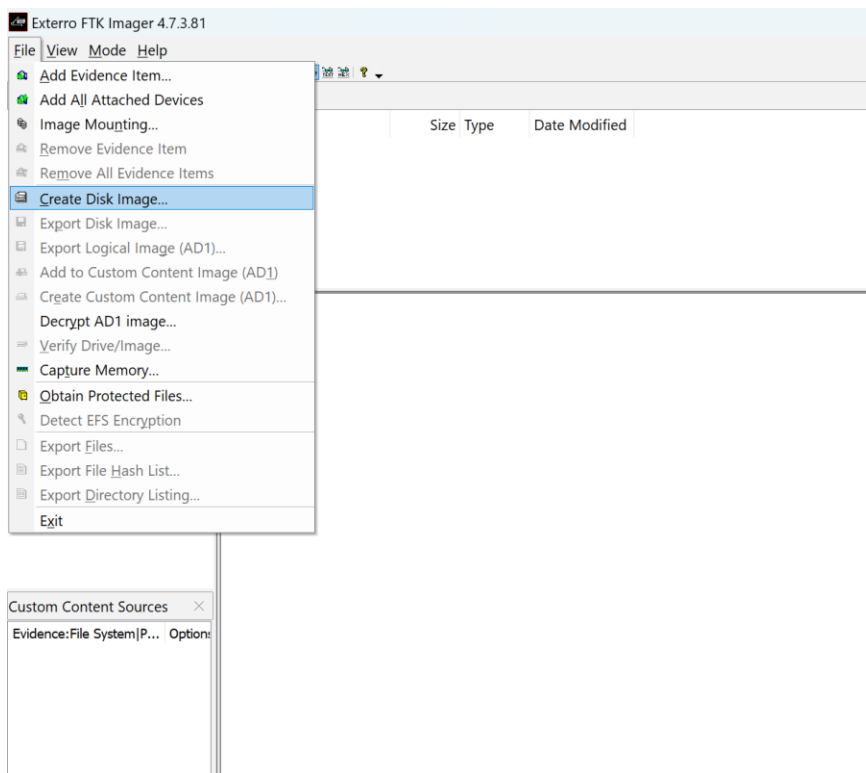# PRACTICAL 1

Aim: Creating a Forensic Image using FTK Imager/EnCase Imager:

1. Creating Forensic Image.
2. Check Integrity of data- Analyse Forensic Image.
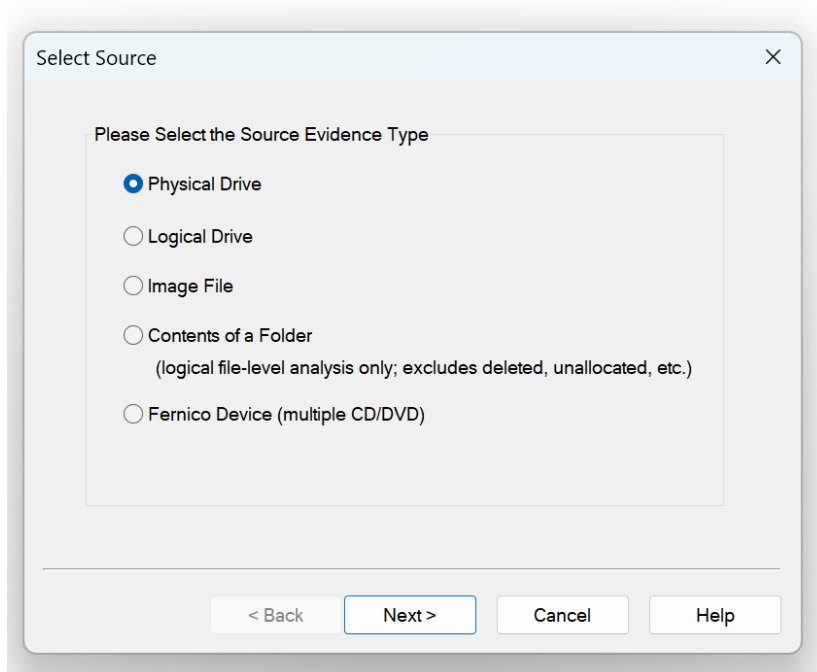3. Creating Forensic Image.

Step1: Launch the FTK Imager Software

Open FTK Imager, go to the **File** menu, and select **Create Disk Image**.
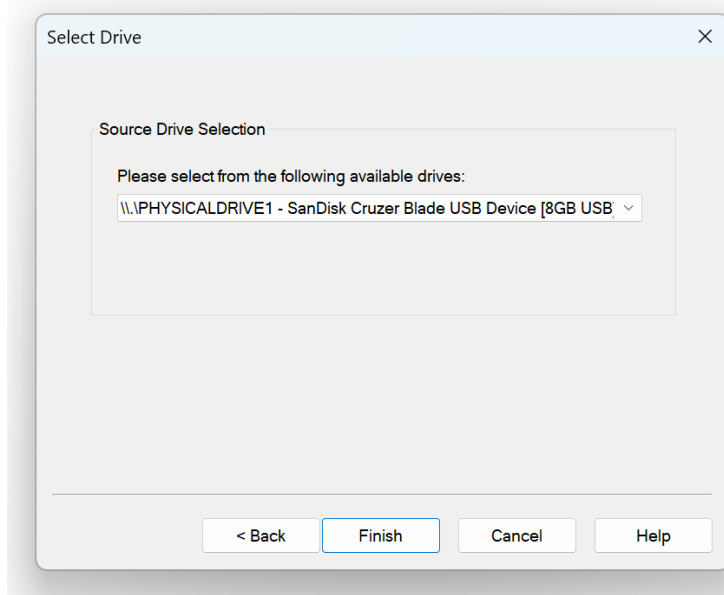

Step2: Choose Physical Drive

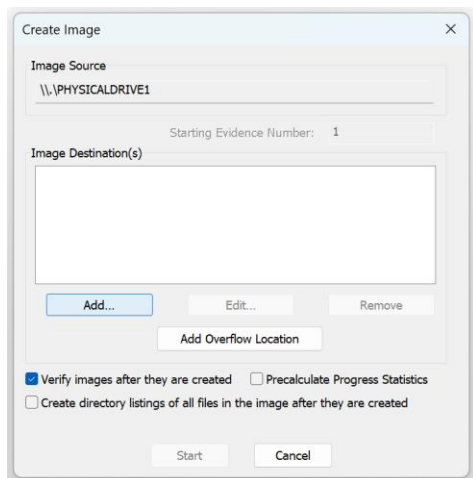Opt for the **Physical Drive** option and click **Next**.

Step3: Select the Drive
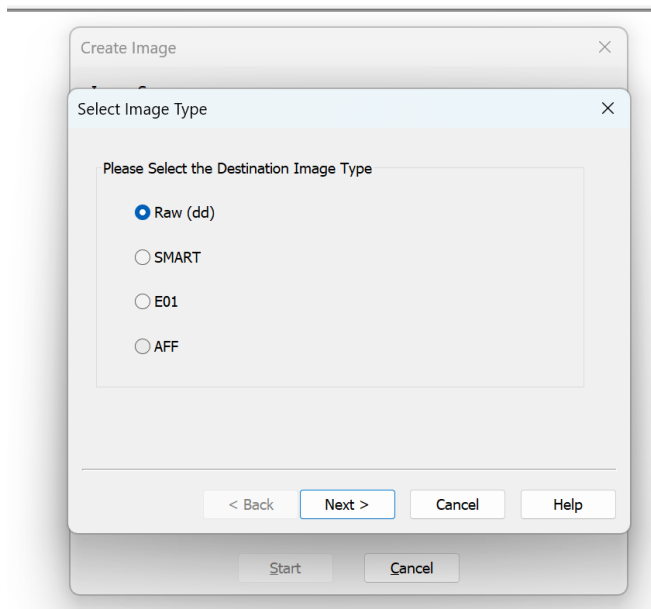Pick the drive you wish to image and click **Finish**.

Step4: Add Image Type
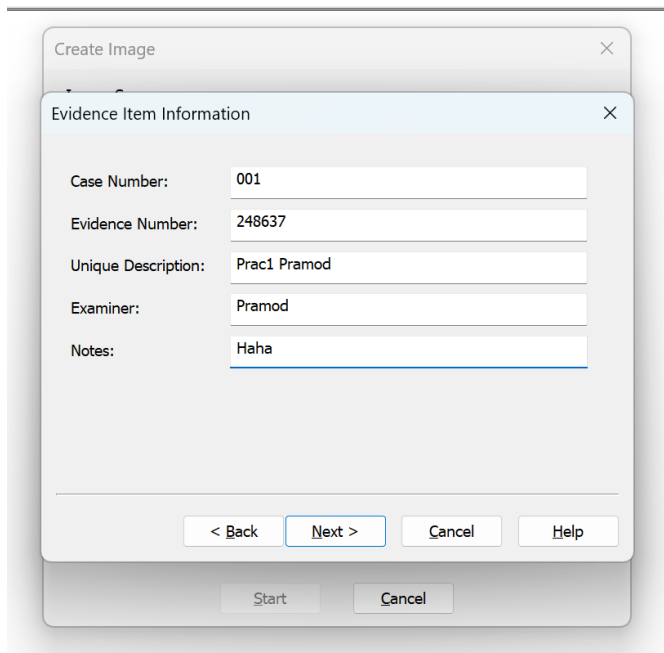Click the **Add** button.

Step5: Select Raw (dd) Format

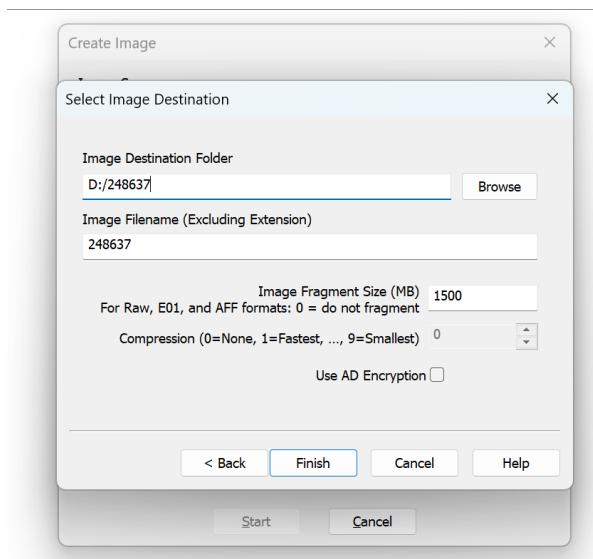Choose the **Raw (dd)** option and proceed by clicking **Next**.

Step6: Input Case Information

Enter the required details in the fields provided, then click **Next**.

Create Image   ✕

Evidence Item Information   ✕

Case Number:	001
Evidence Number:	248637
Unique Description:	Prac1 Pramod
Examiner:	Pramod
Notes:	Haha

< Back   Next >   Cancel   Help

Start   Cancel

Step7: Specify Destination
Select the location where the image file should be saved.

Create Image   ✕

Select Image Destination   ✕

Image Destination Folder
D:/248637   Browse

Image Filename (Excluding Extension)
248637

Image Fragment Size (MB)   1500
For Raw, E01, and AFF formats: 0 = do not fragment

Compression (0=None, 1=Fastest, ..., 9=Smallest)   0

Use AD Encryption ☐

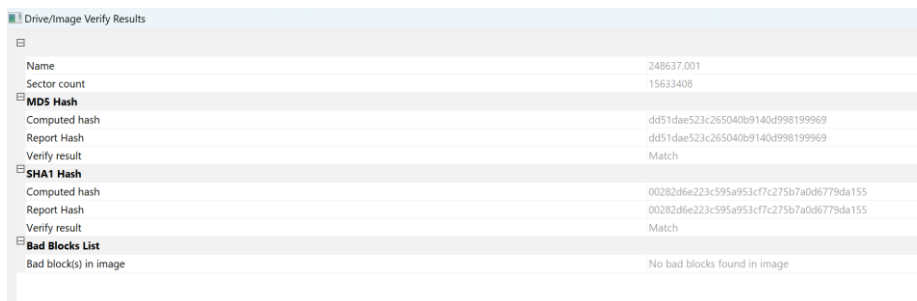< Back   Finish   Cancel   Help

Start   Cancel

Step8: Start Imaging Process
Click **Start**, and the imaging progress will be displayed in a new window.
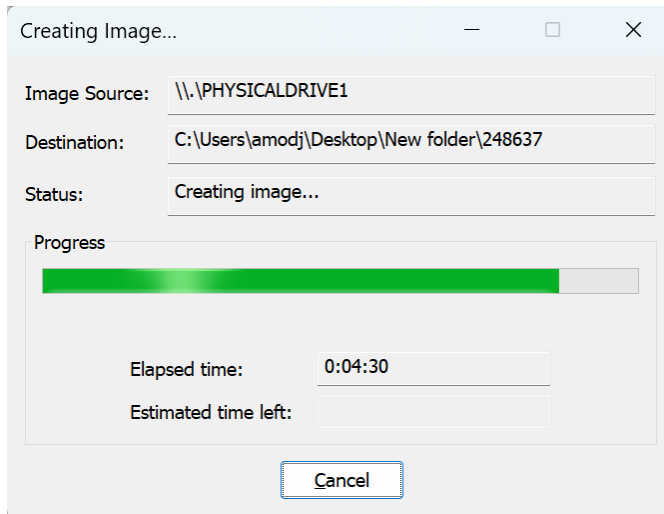
Step9: Verify Data Integrity
Once the imaging process is complete, a window will confirm the integrity of the data.

Step10: Locate the Image File
Check the specified directory to verify that the image file has been created successfully.

Step11: View Image Summary
You can review the image summary by clicking the **Summary** button after the progress bar in Step 8 is completed.

Image Summary   ×

Created By Exterro® FTK® Imager 4.7.3.81

Case Information:
Acquired using: ADI4.7.3.81
Case Number: 001
Evidence Number: 248637
Unique description: Prac1 Pramod
Examiner: Pramod
Notes: Haha

Information for C:\Users\amodj\248637\248637

Physical Evidentiary Item (Source) Information:
[Device Info]
 Source Type: Physical
[Drive Geometry]
 Cylinders: 973
 Tracks per Cylinder: 255
 Sectors per Track: 63
 Bytes per Sector: 512
 Sector Count: 15,633,408
[Physical Drive Information]
 Drive Model: SanDisk Cruzer Blade USB Device
 Drive Serial Number: 200608776309F6D2C1B1

OK

.