# Mithibai College
## Department of Computer Science

## Practical-8 Recovering data with Encase Imager

**Date:-12/02/2025**    **Cyber Forensics**    **Submission   Date:- 04/03/2025**

**Writeup:-**

- **Encase imager**
- **Data Recovery**
- **Write Blockers[hardware + software]**

1. Creating a Forensic Image using FTK Imager where you delete few data before creating the image and then you recover the data

2. Using USB you delete some data and recover that in encase imager.

Recovering and Inspecting deleted files:

1. Delete the File from the Drive.
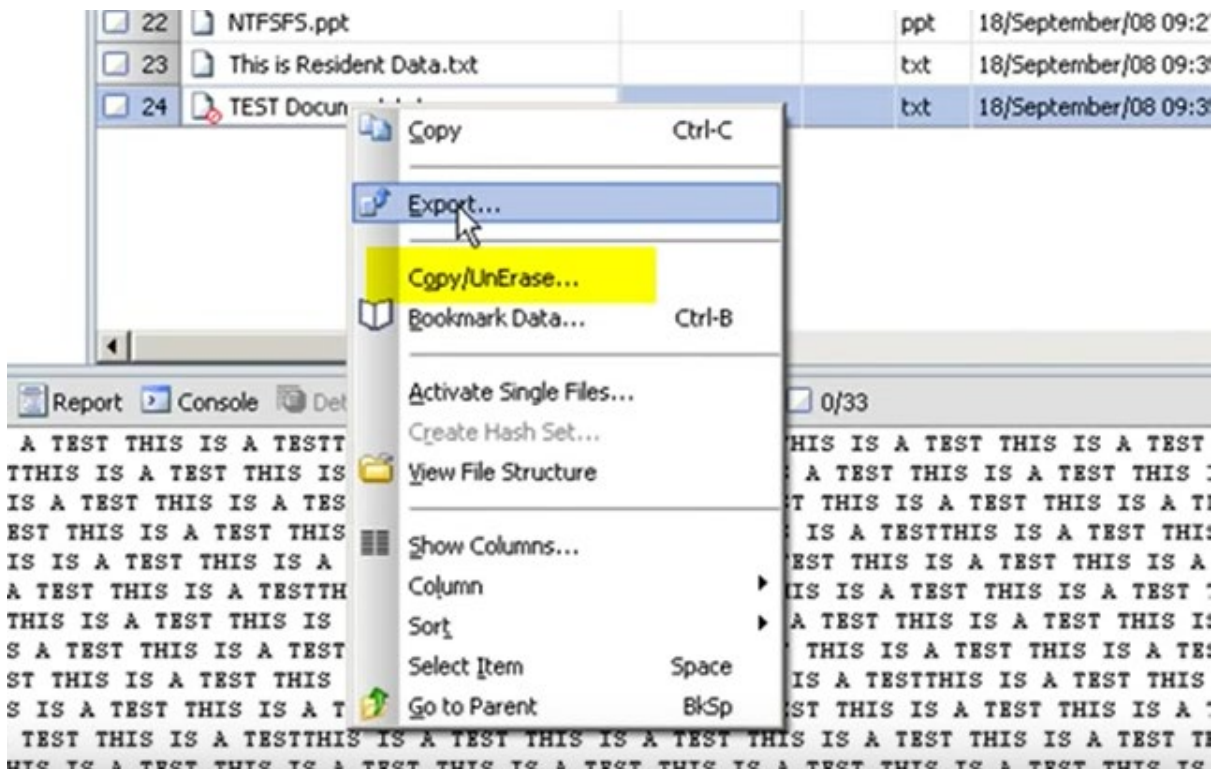2. Open the Drive with Encase.



The deleted file is shown
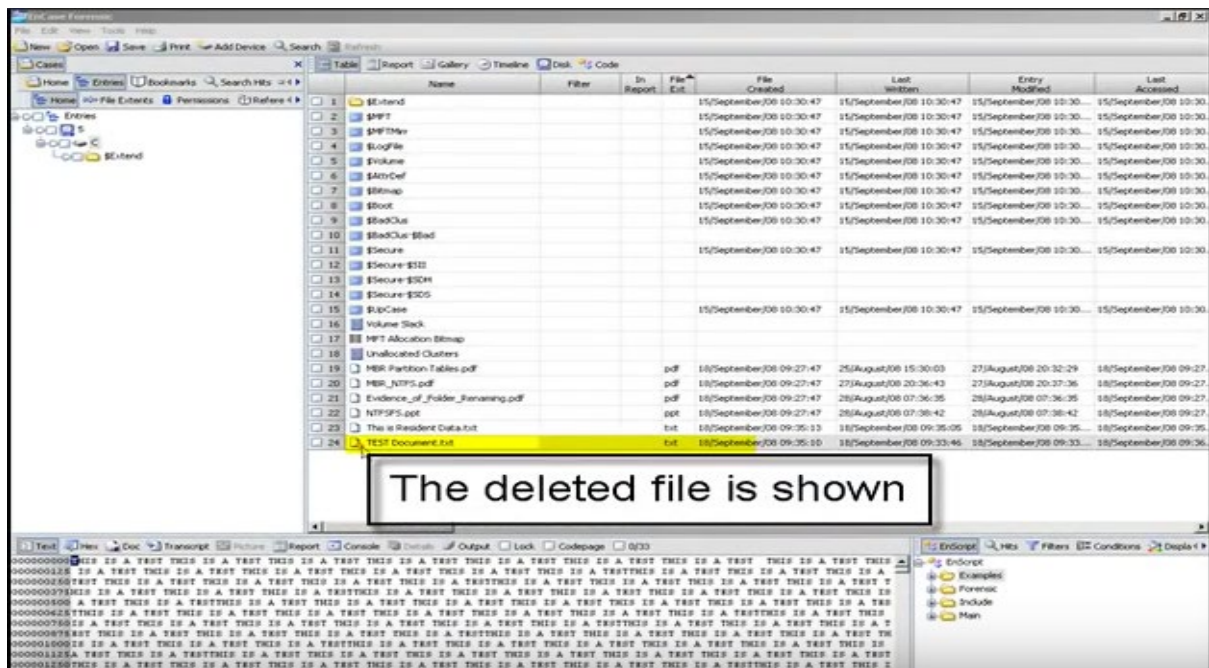
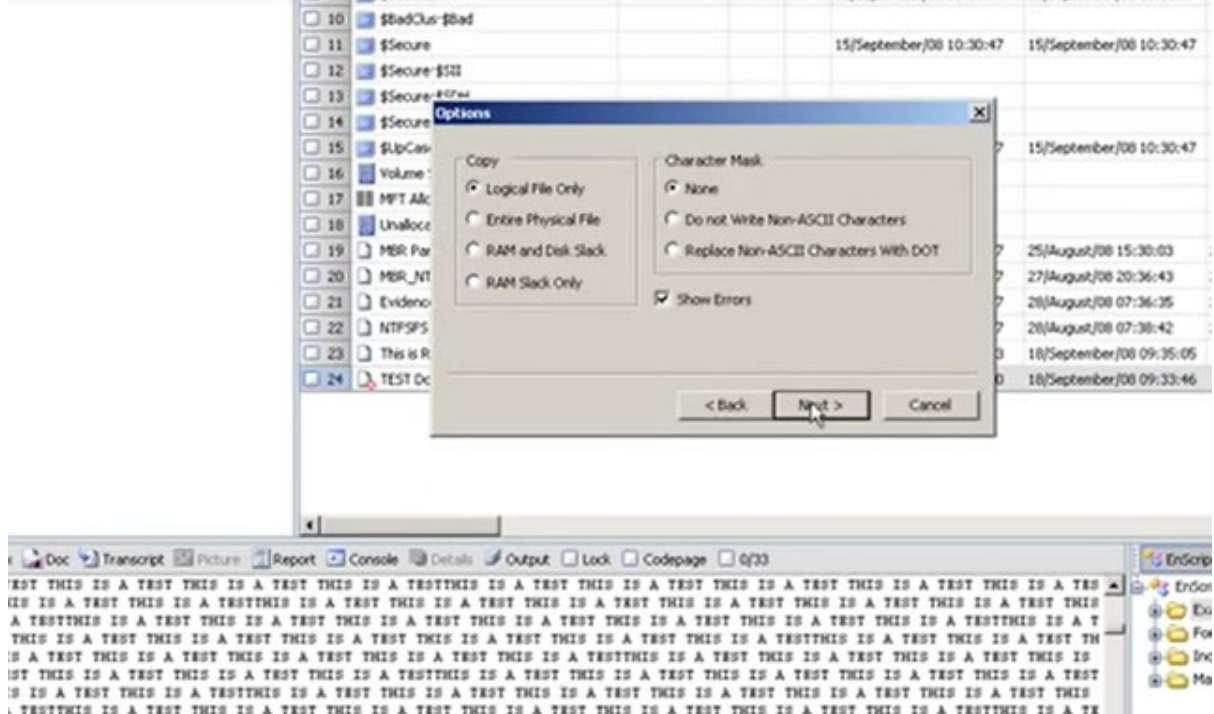3. The deleted File has a red Circle with a line through it. This depicts a deleted file in Encase.
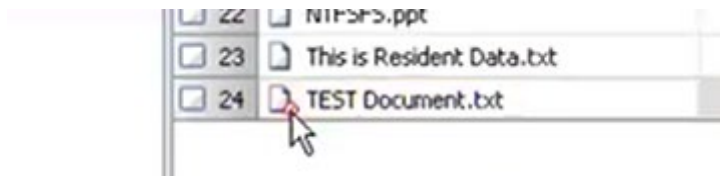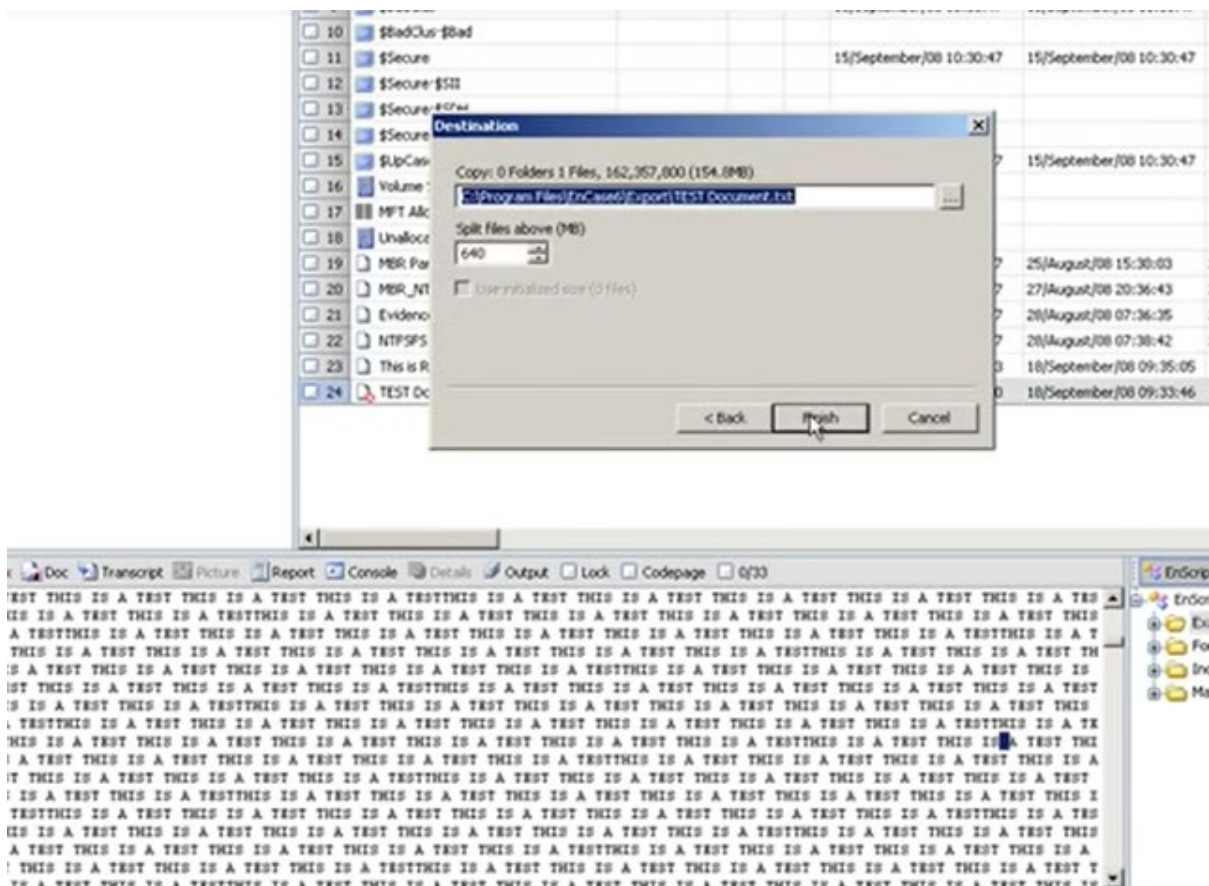


4. The window below shows the content.



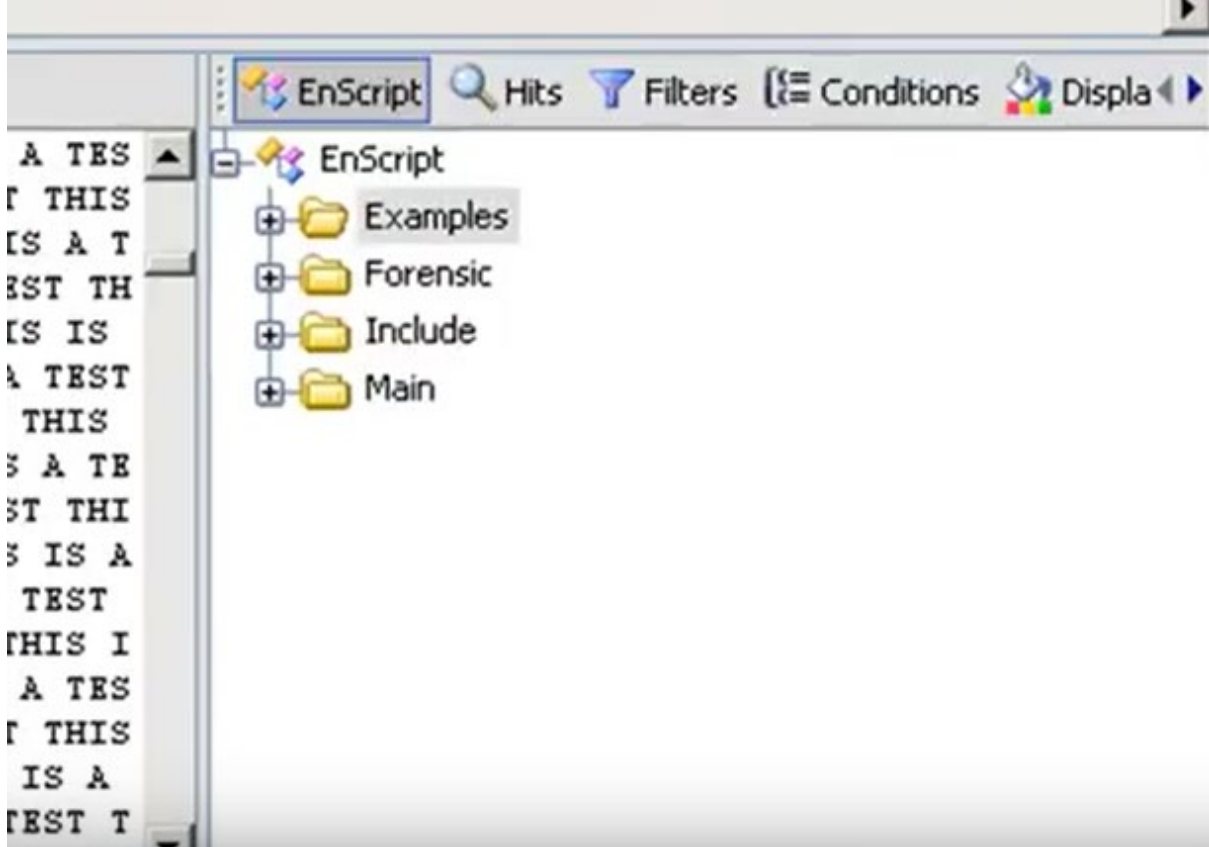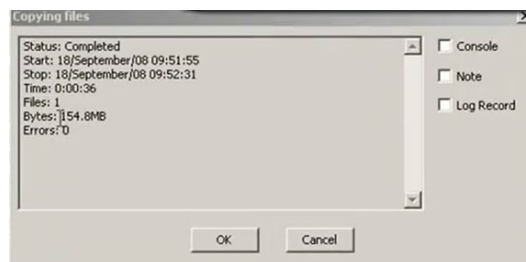5. To recover the file right click on the file and select "Copy/Unerase.

6. Write the location the file will be copied out to:



7. The indicator should show how long the file will take to copy out.
The time wil depend on the size of the file being copied out, the speed of the connection to the source and to the destination.

EnScript    Hits    Filters    Conditions    Displa

EnScript
- Examples
- Forensic
- Include
- Main

8. Once the extraction is completed Encase will confirm this and any errors.

Copying files

Status: Completed
Start: 18/September/08 09:51:55
Stop: 18/September/08 09:52:31
Time: 0:00:36
Files: 1
Bytes: 154.8MB
Errors: 0

☐ Console
☐ Note
☐ Log Record

OK    Cancel

9. Once the copyout has been completed, navigate to the folder where it was extracted to and view the file.