Digital Forensics Task

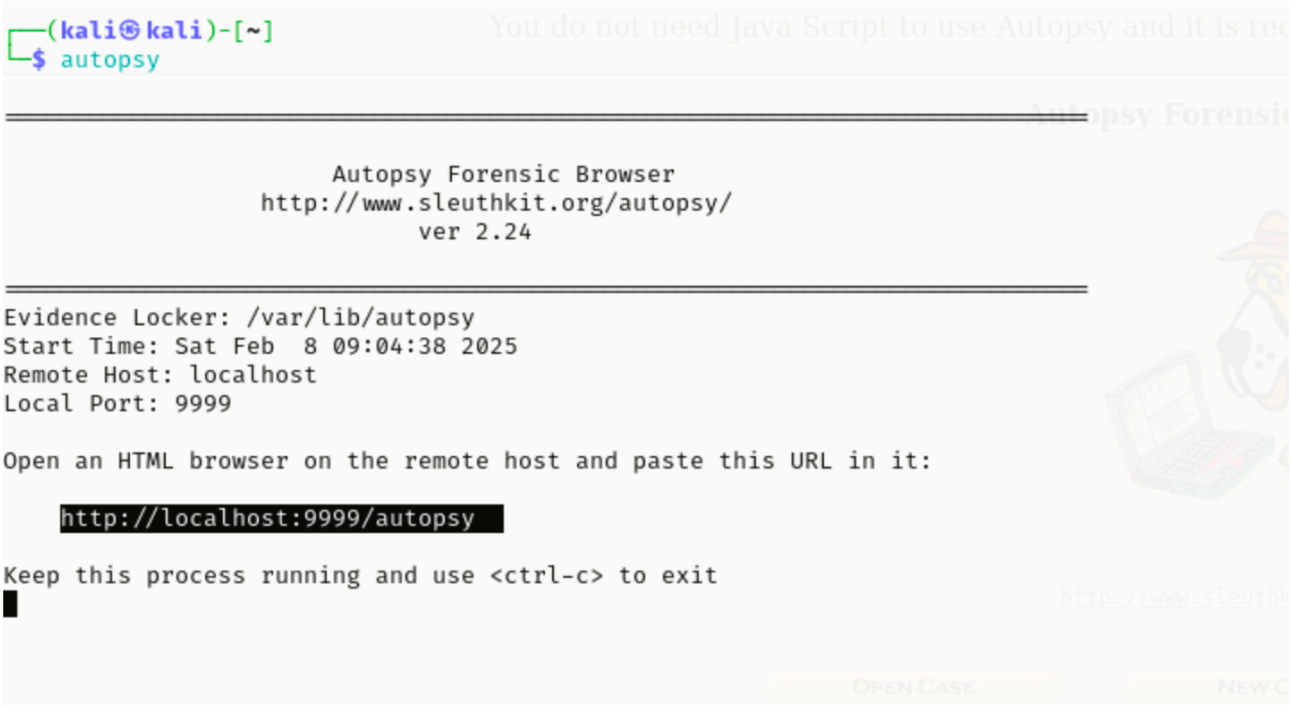
What is Digital Forensics?
Investigating digital devices in order to gather, examine, and preserve evidence for legal reasons is known as digital forensics.

Important Ideas:
- An HDD, SSD, or USB disk image is a bit-by-bit replica of the whole storage device.
- Evidence Integrity: Using hashing (SHA-256, MD5) to make sure the evidence is not altered.
- Data Volatility: If the power is turned off, the data in RAM is lost, but the data on the drive is left.
- Chain of Custody: Recording the methods used to gather, preserve, and examine evidence.

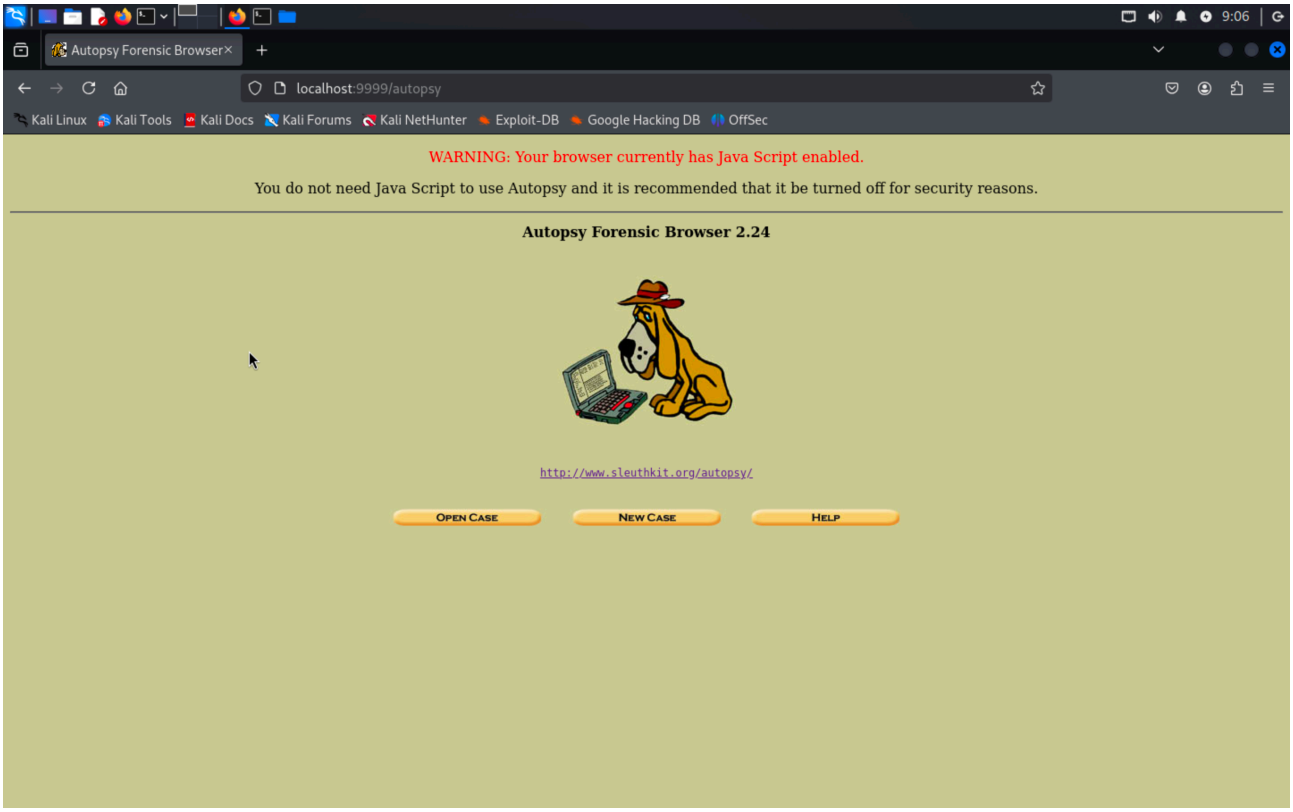
Autopsy

Autopsy is an open-source digital forensics application that may be used to examine disk images, retrieve erased data, and look into online fraud.

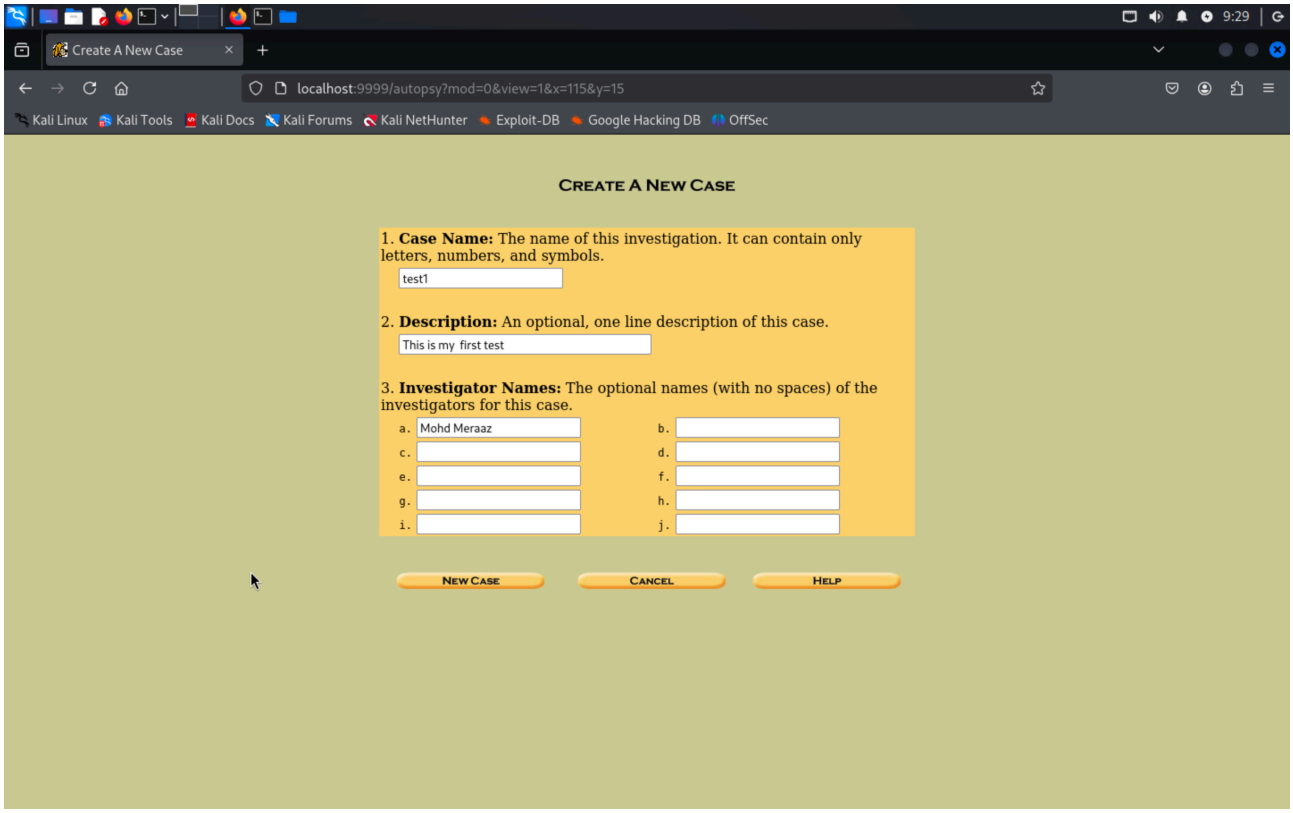
Installation



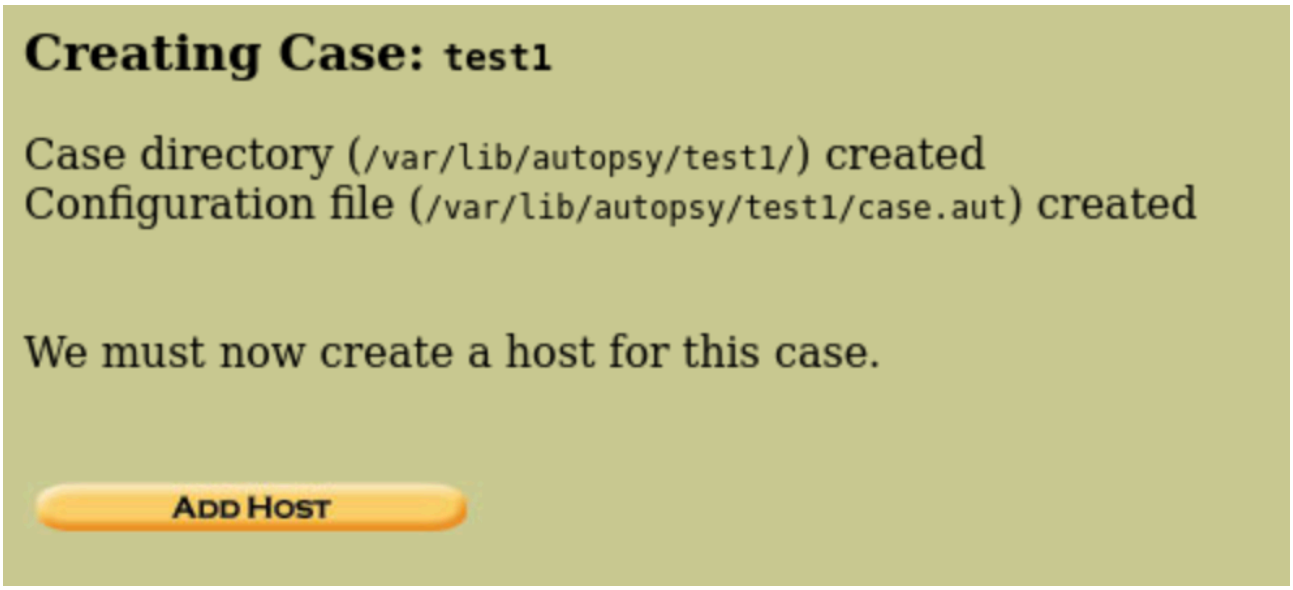
After the installation we open the given link in the browser



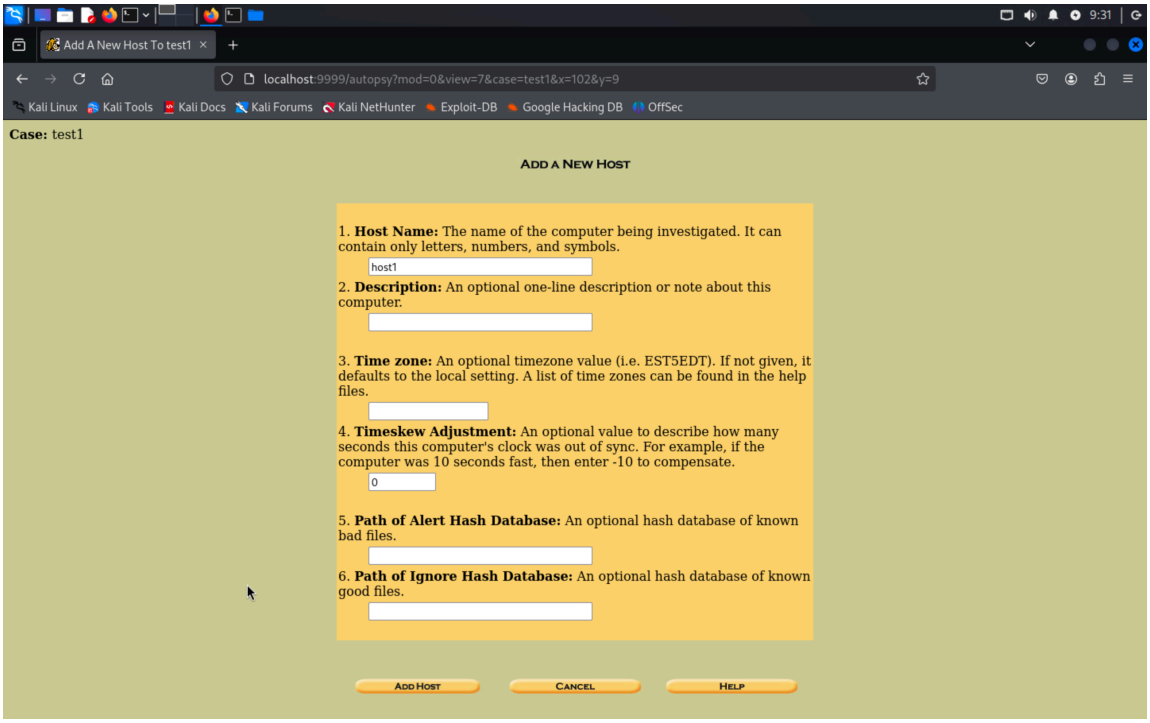
Then goto new case



Create host

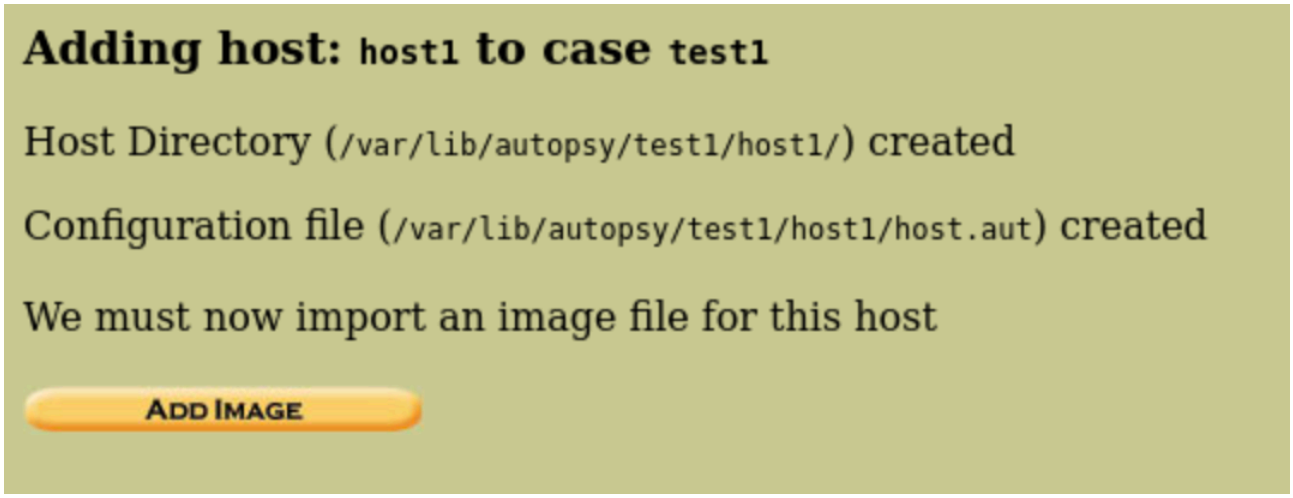


After click on add host

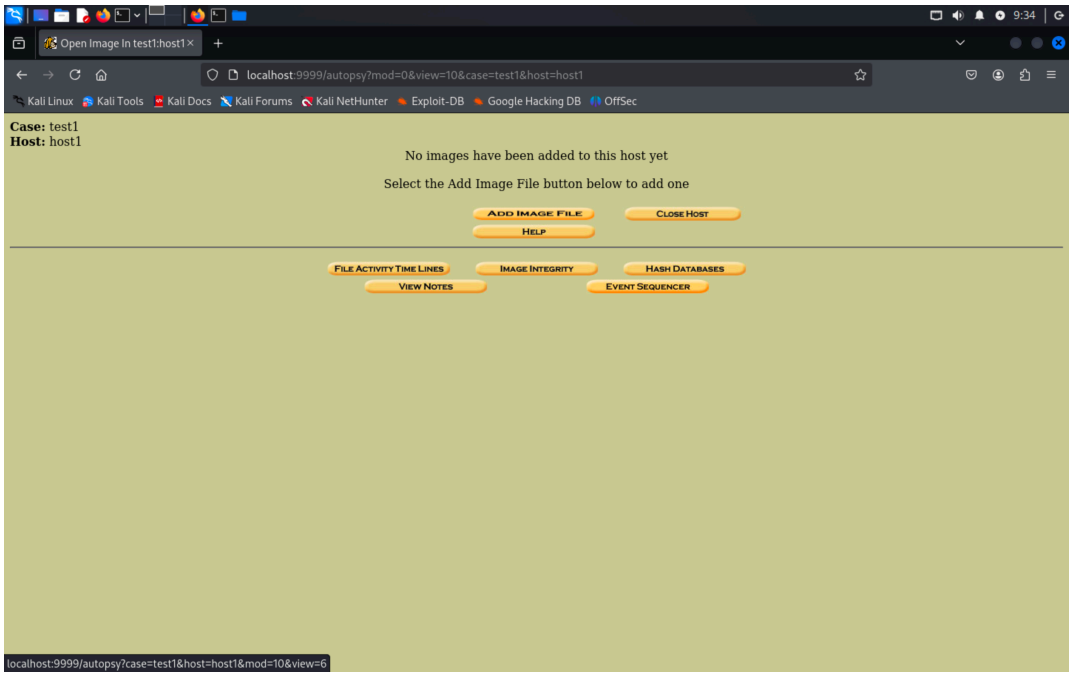


Then click on add host again

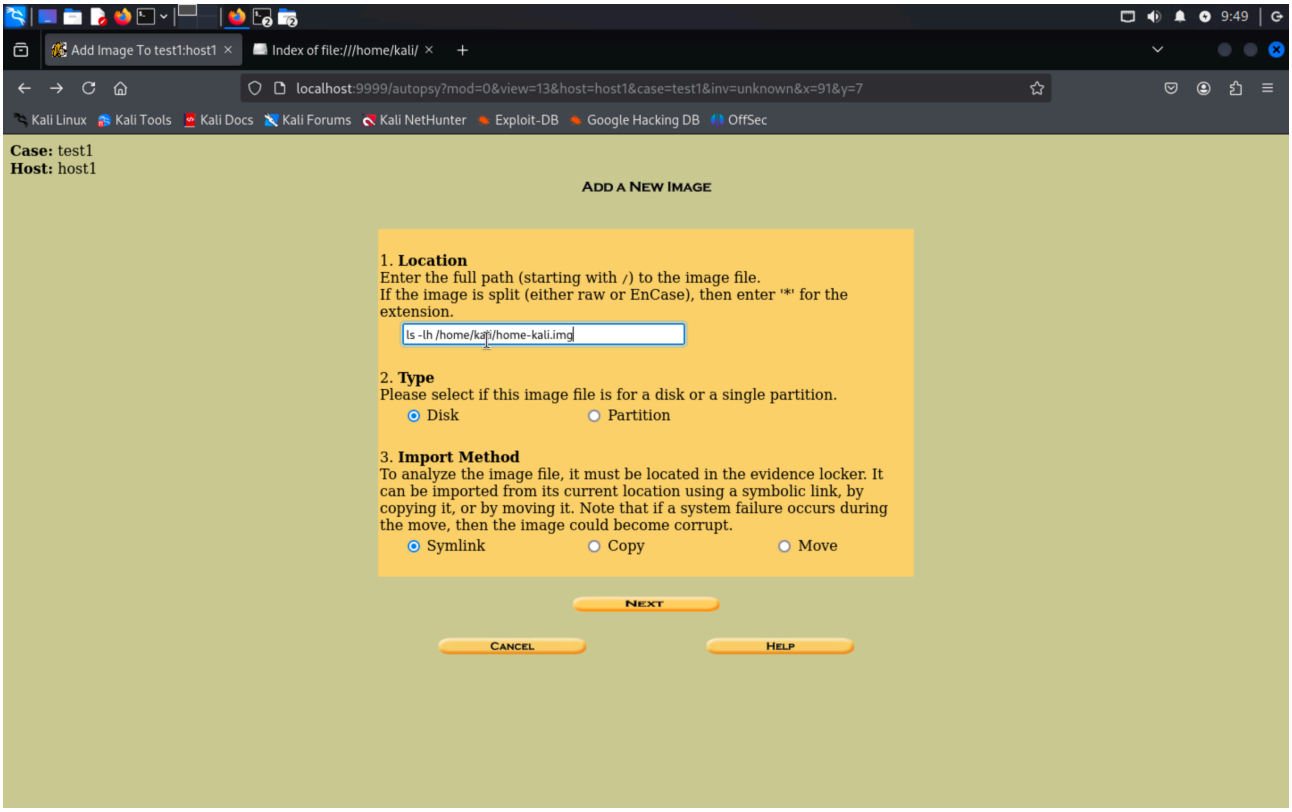
We get this page , click on add image



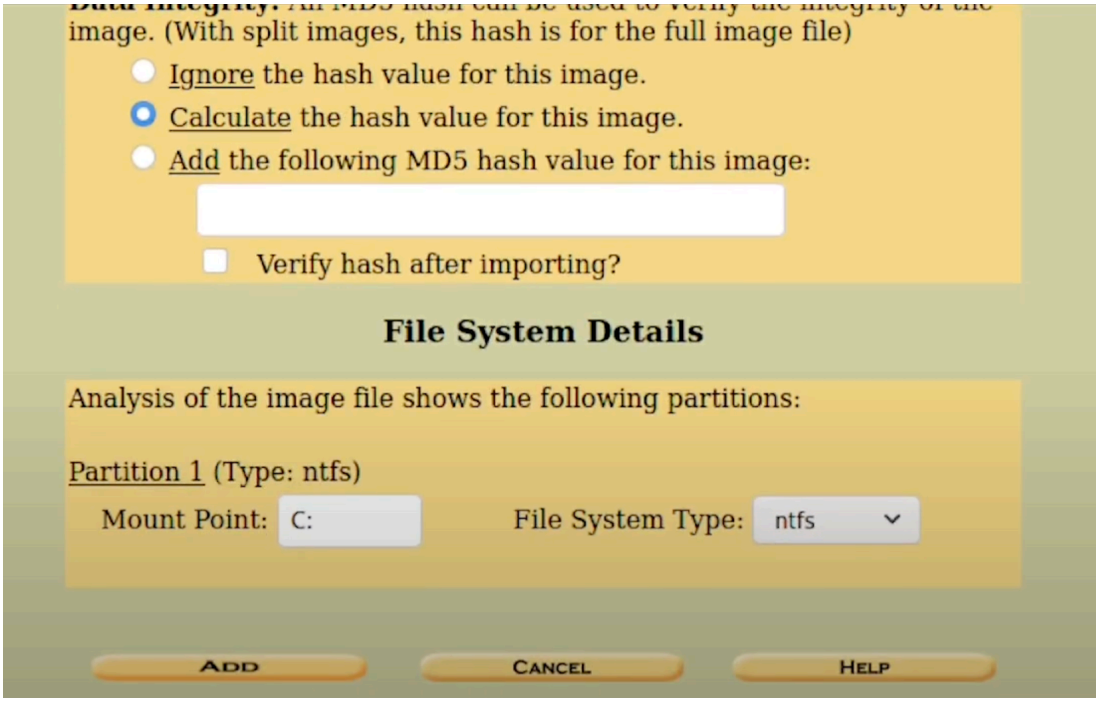
Then add image file



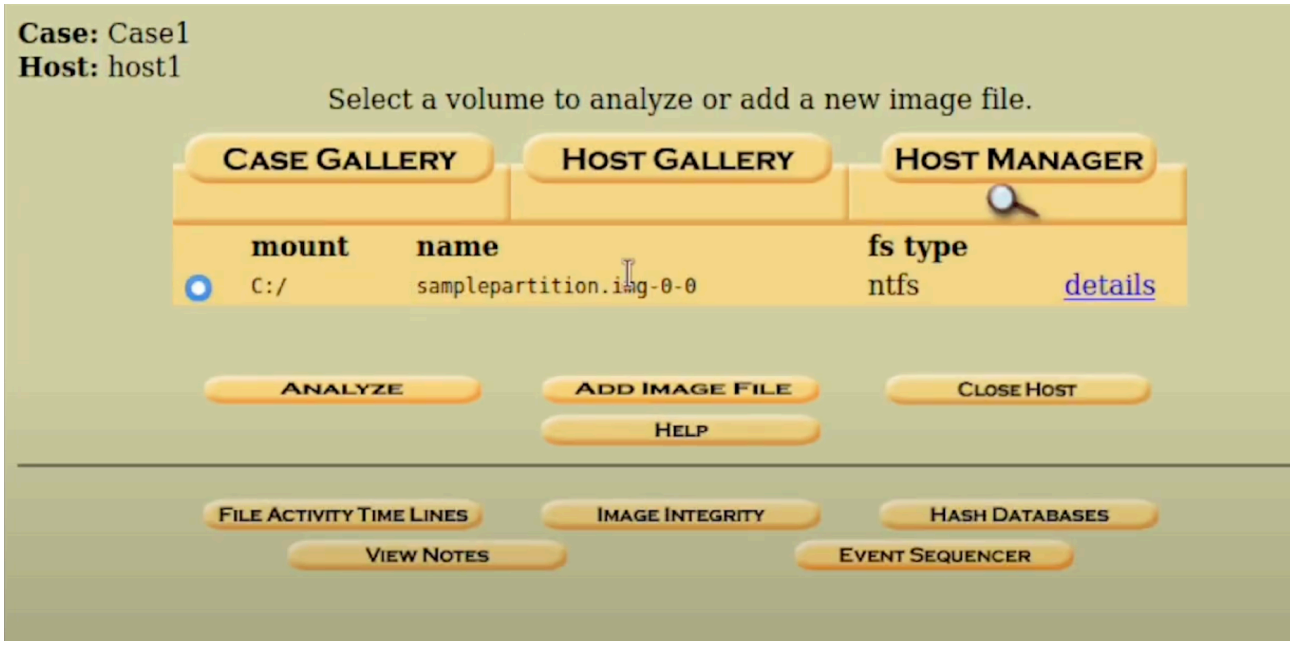
After that , click next



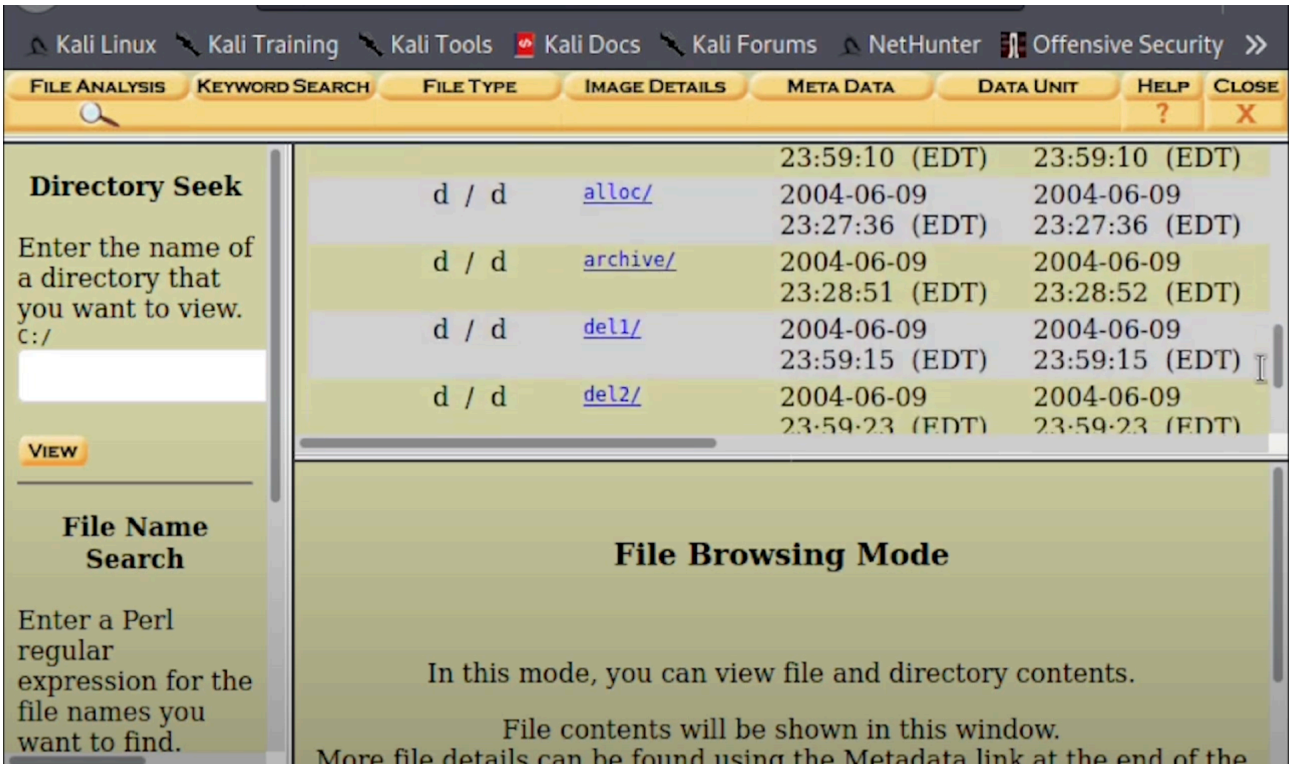
then click on add button then click ok



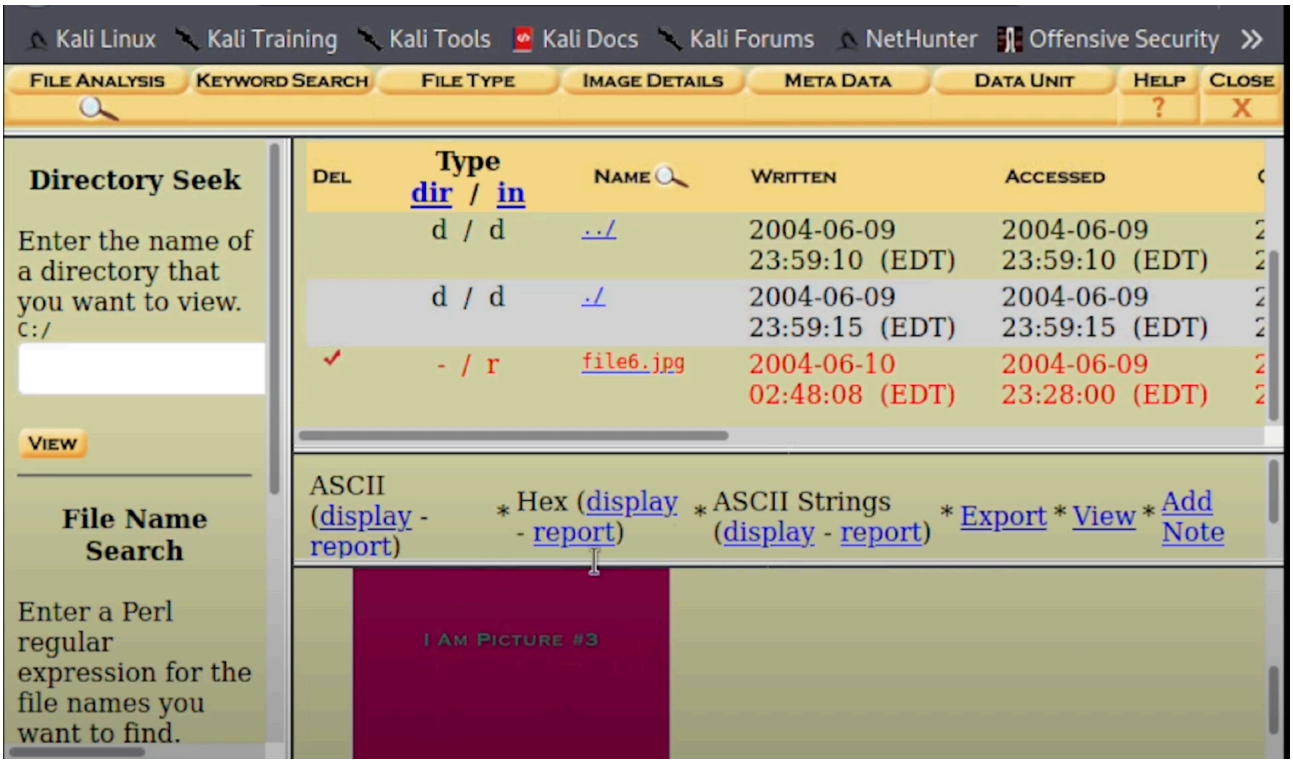
Thereafter we analyze —> click on analyze



Then we goto -> file analysis>then del1/ folder



Here we get our deleted file as it is



Thank you

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