

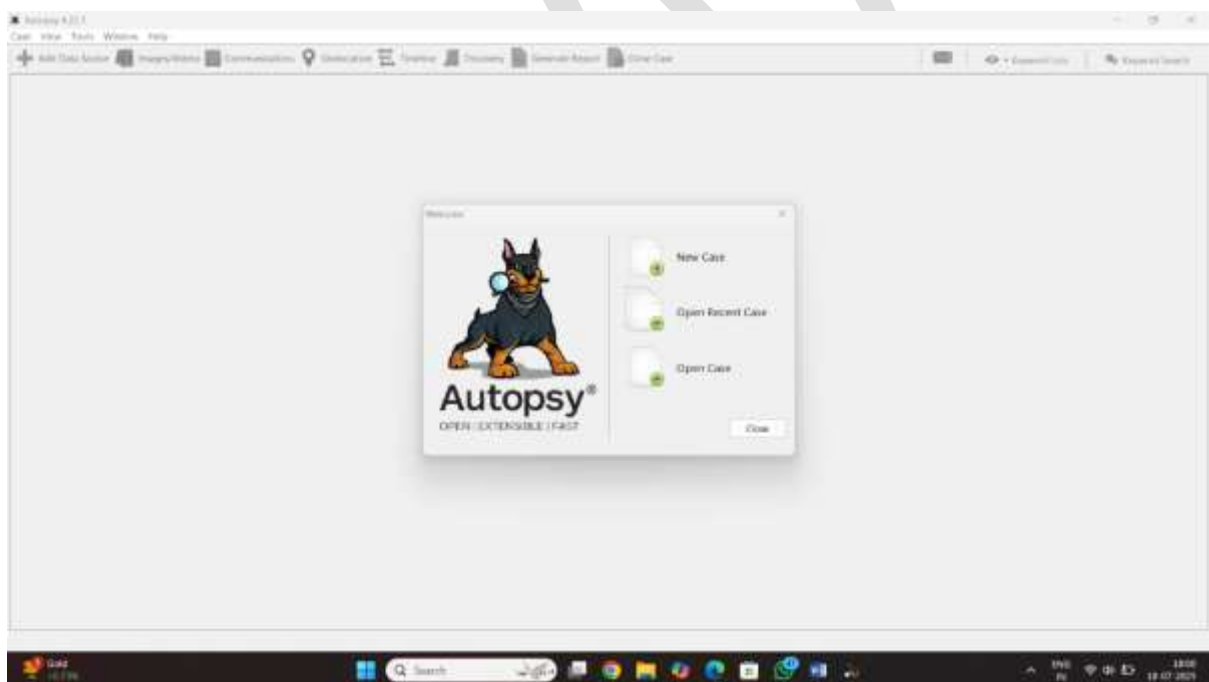
Module 3 Understanding Hard Disks and File System

Lab1 Analyze File System of a Linux and Windows Image

Using Autopsy

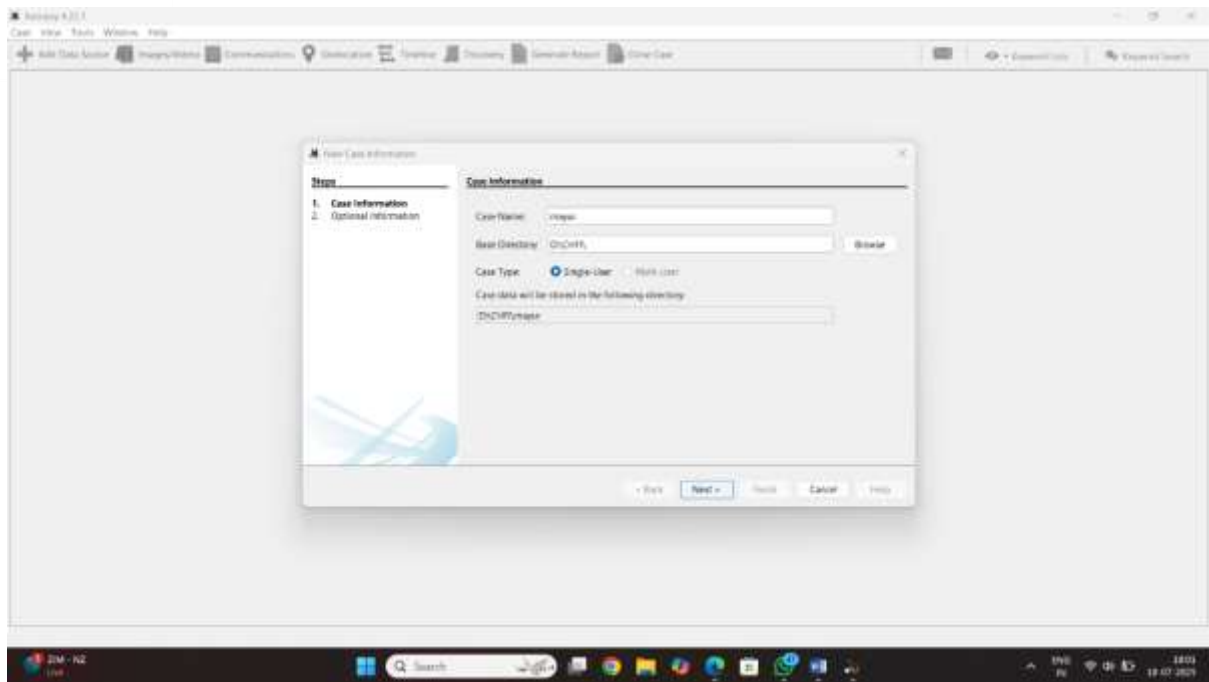
Step1: download the autopsy in windows

Step2: start the autopsy and click on the new cause

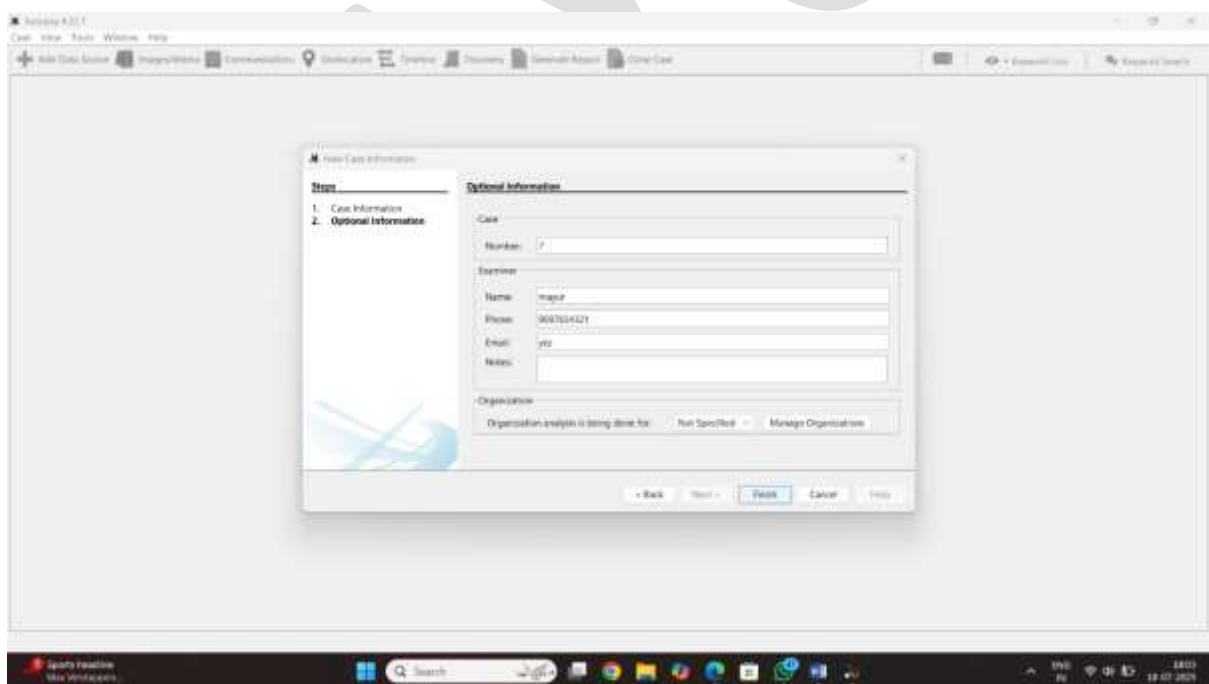


Step3: enter case name

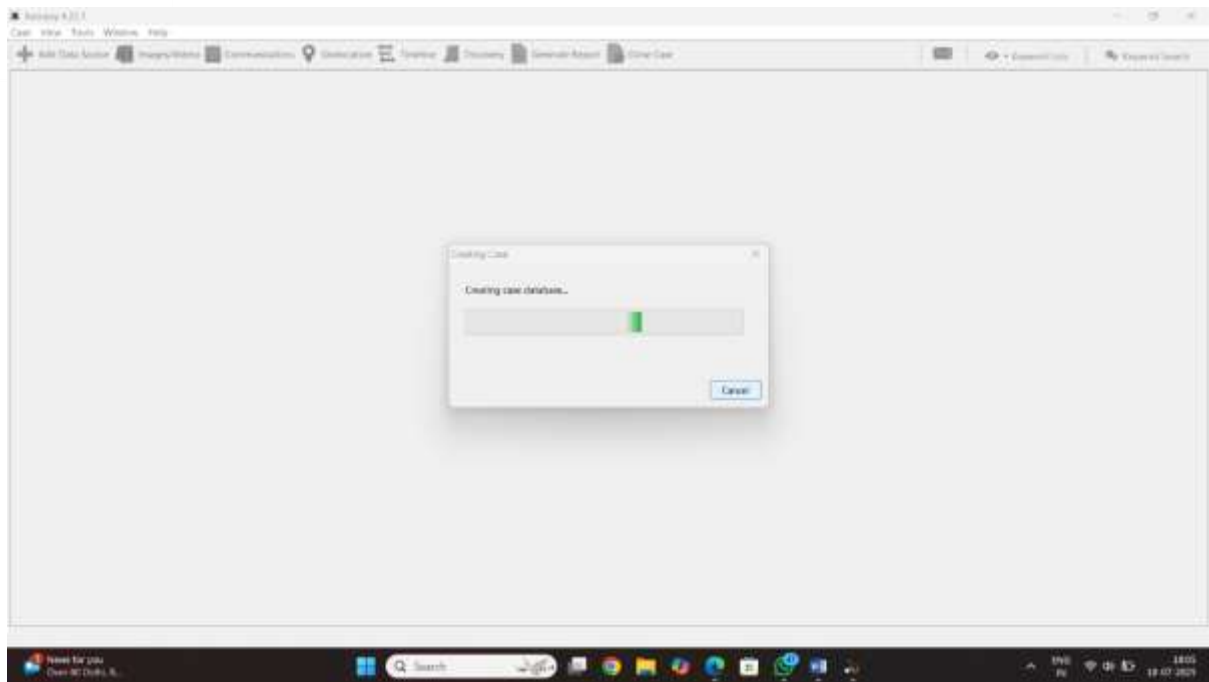
Step4: select the case file destination



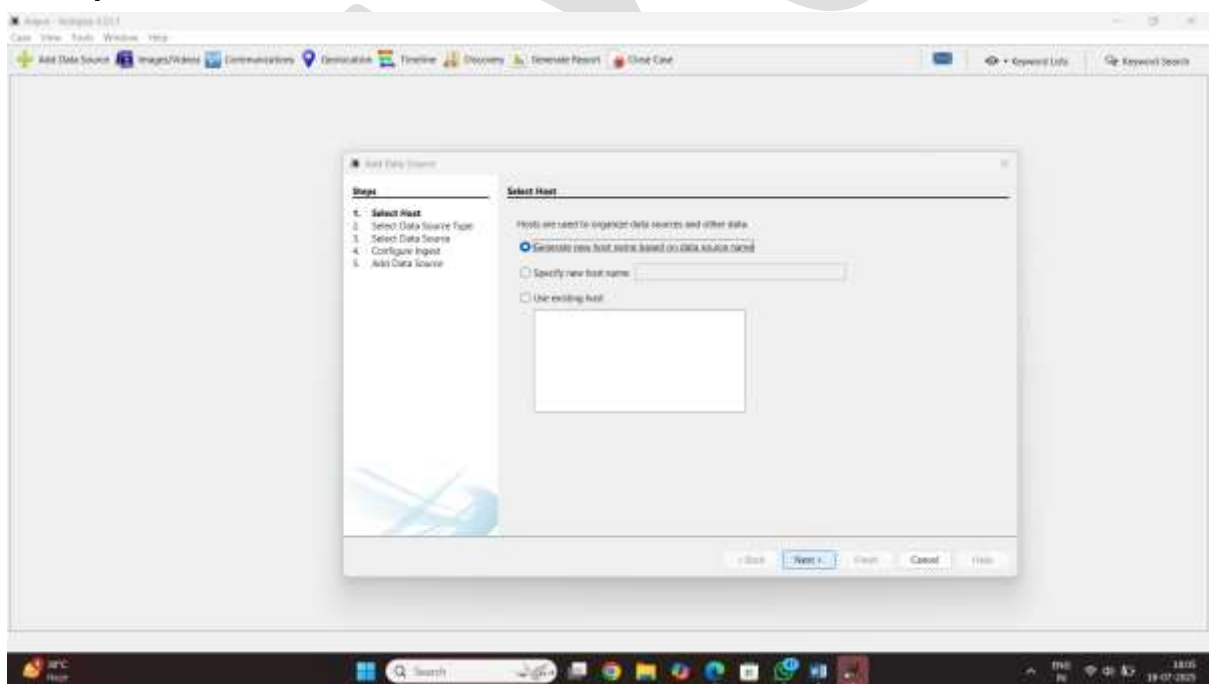
Step5 select the cause number, name ,email, m.number click on next



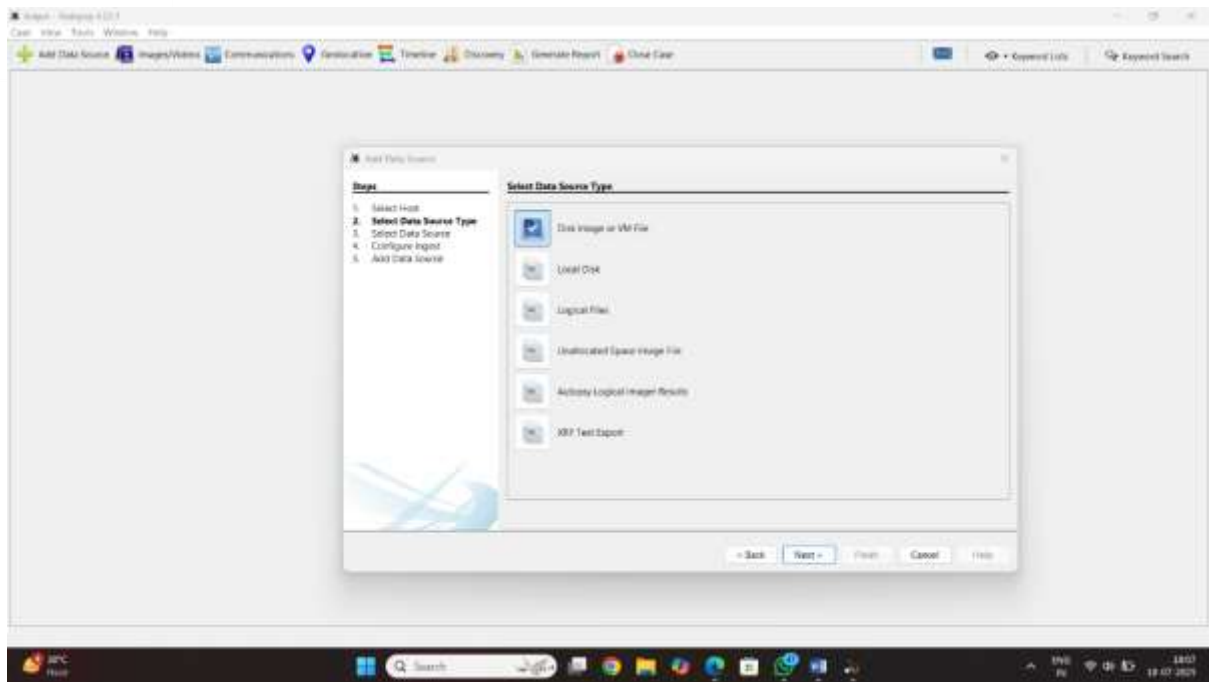
Step6 creating data base cause file



Step7 select host click on the next

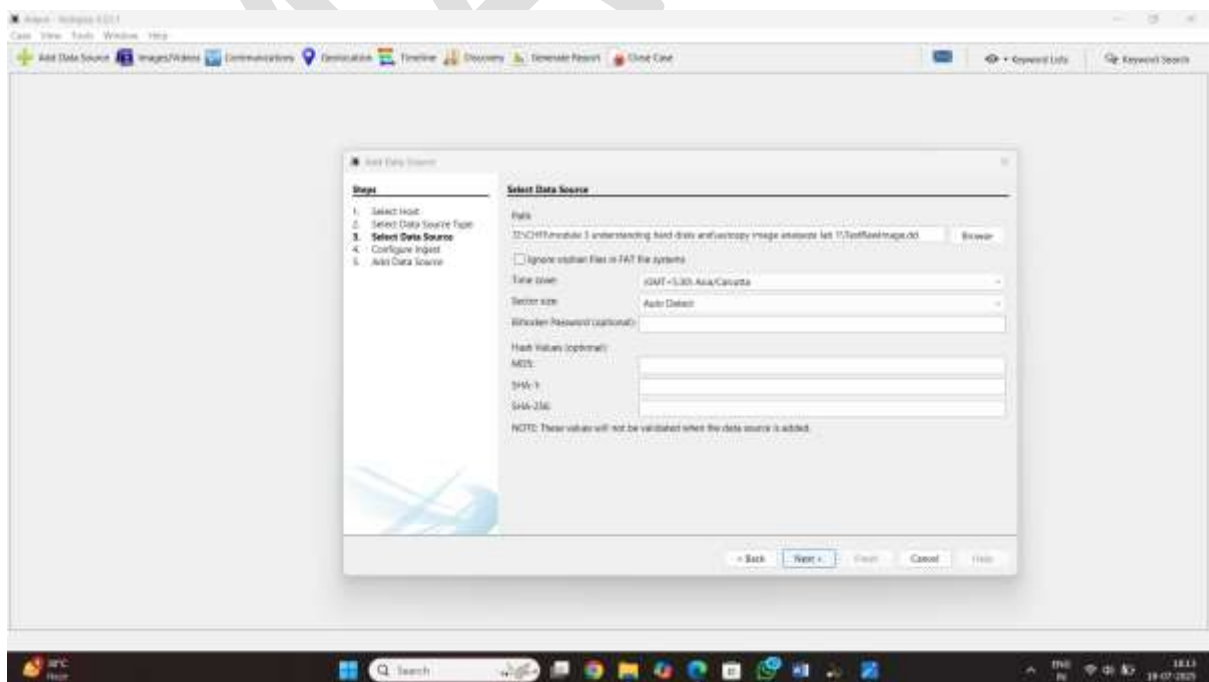


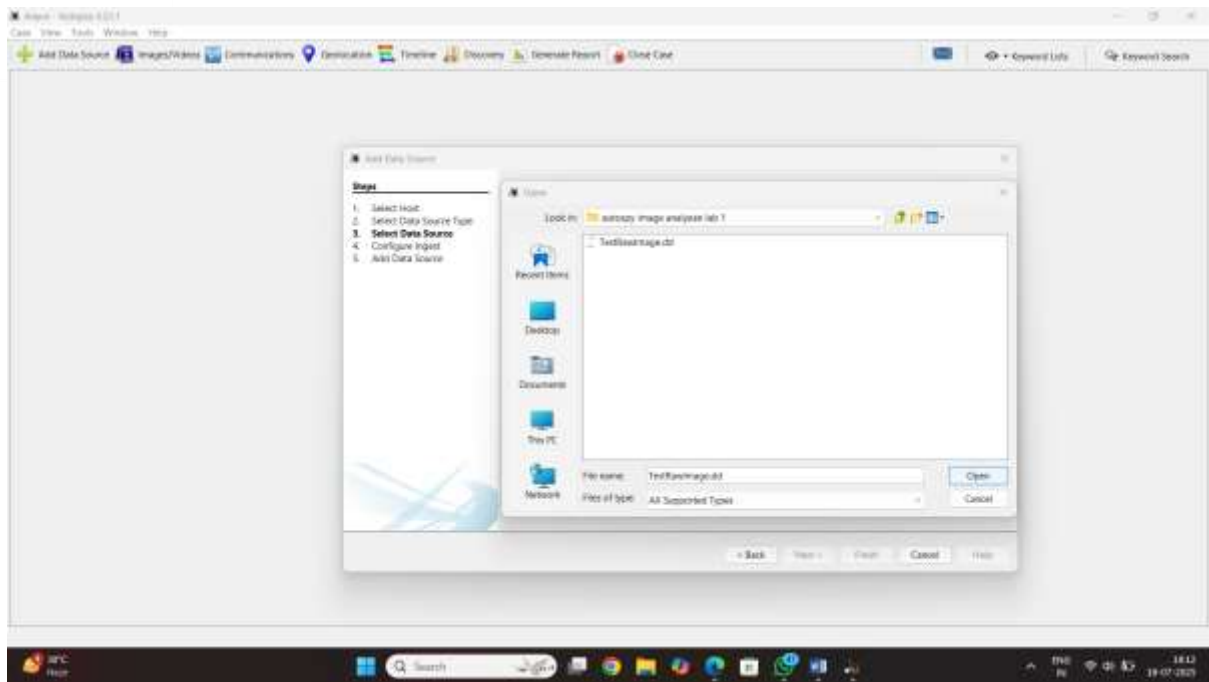
Step8 select the data source type



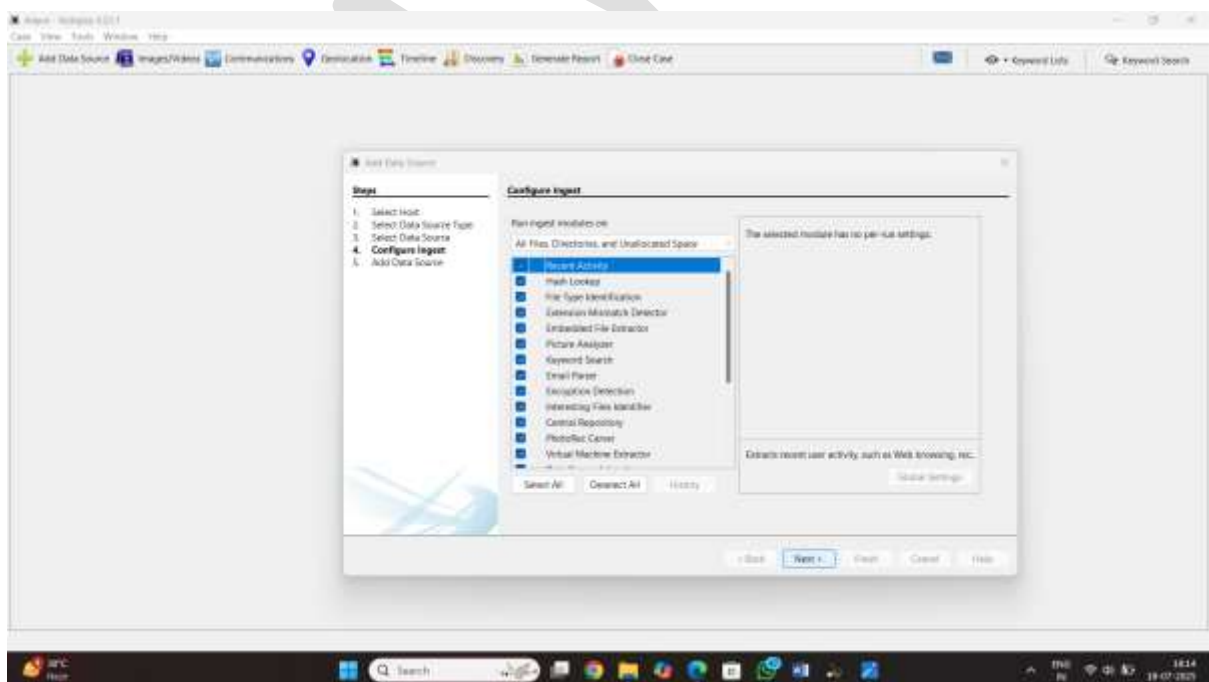
Select the disk image or vm file click on the next

Step9 select the data source type /image path folder

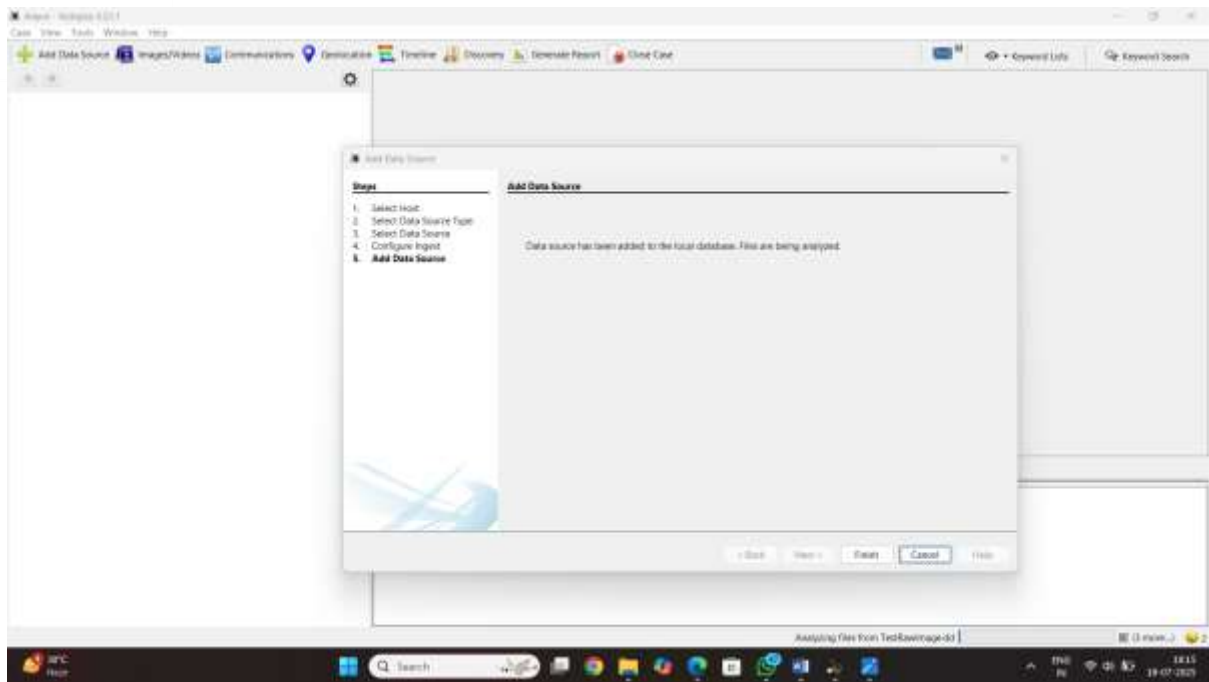




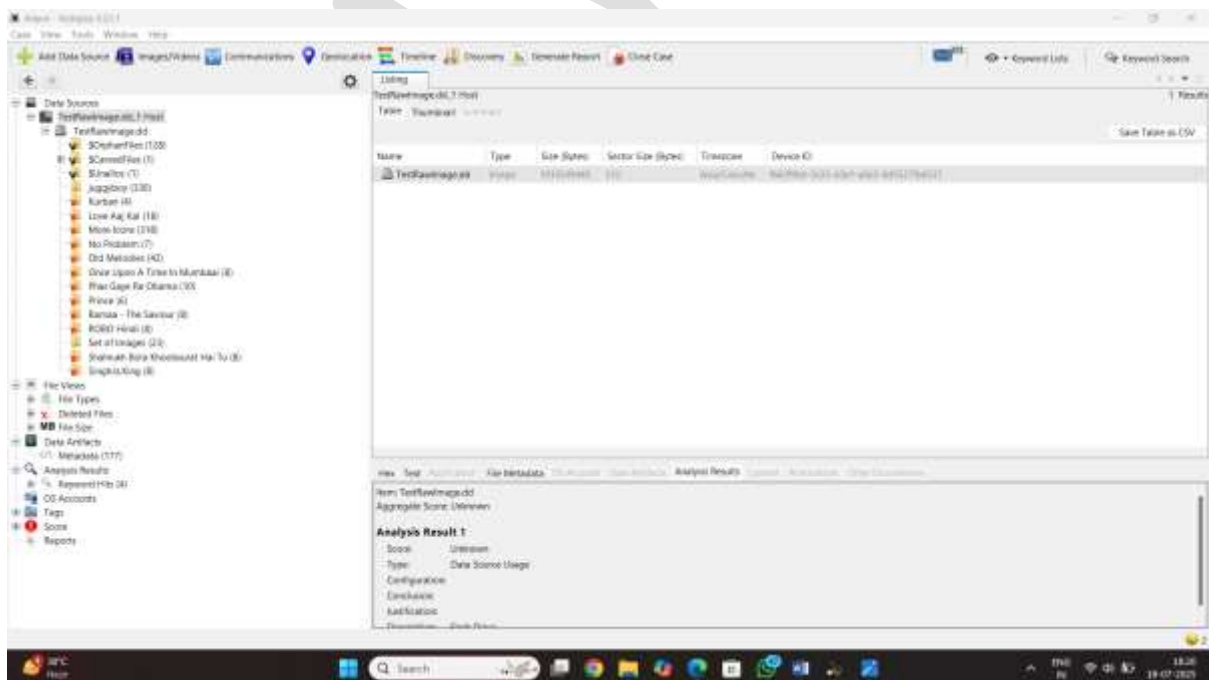
Click in the next
Step10 configure ingest

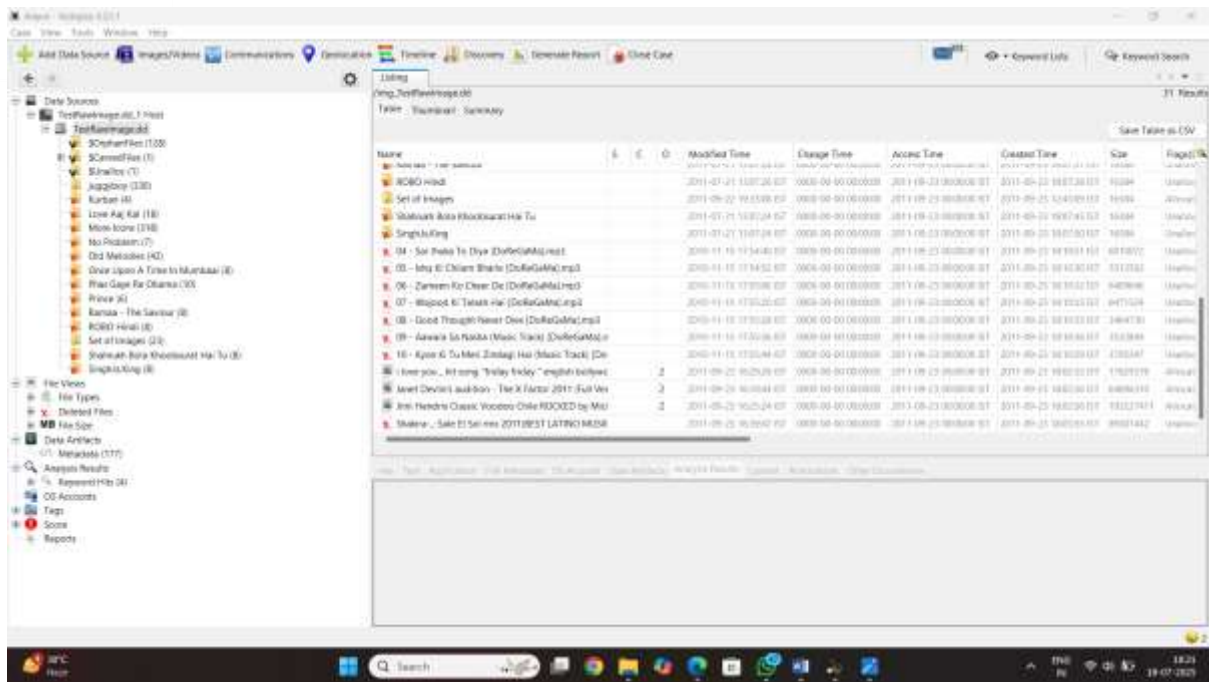


Click on the next
Step11: add data source

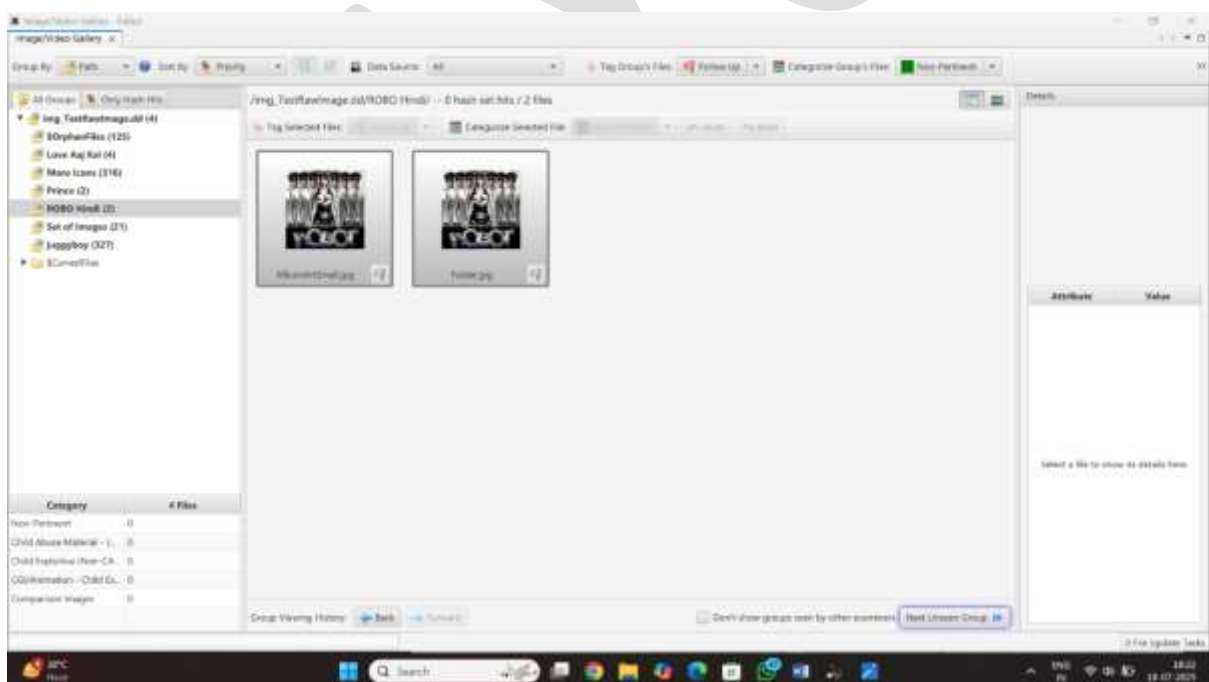


Click on the next
Analyze the image of content

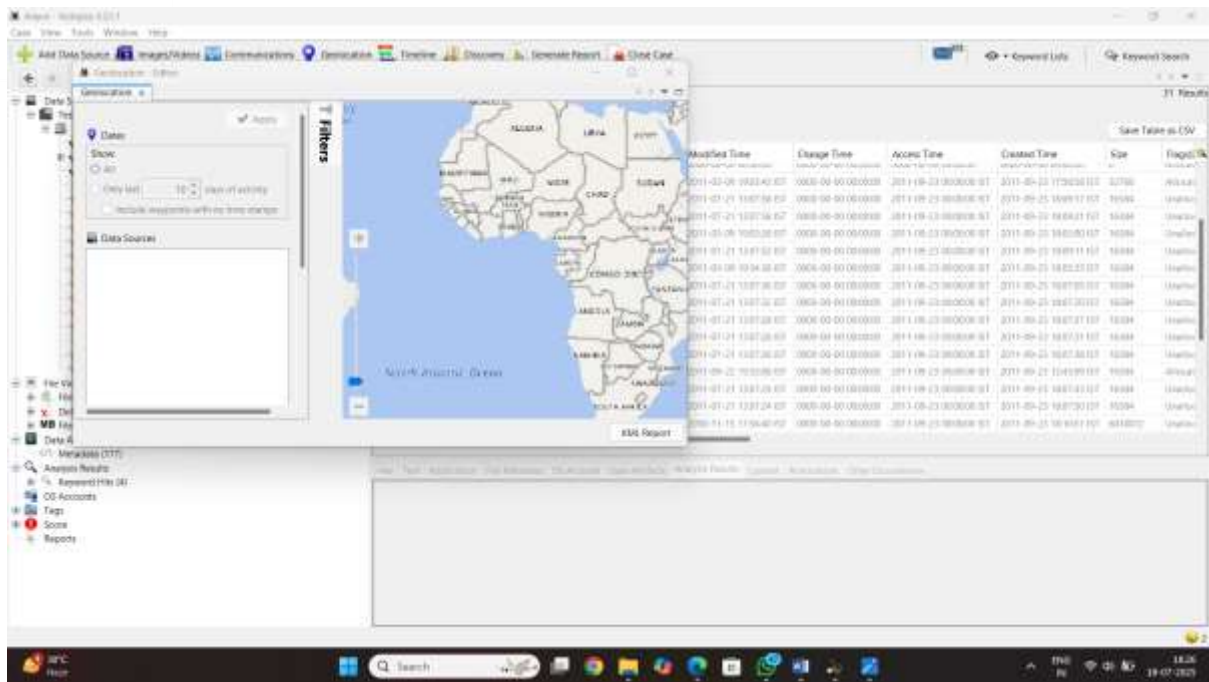




Step12 click on the image/videos option they
vezeble of image of folder

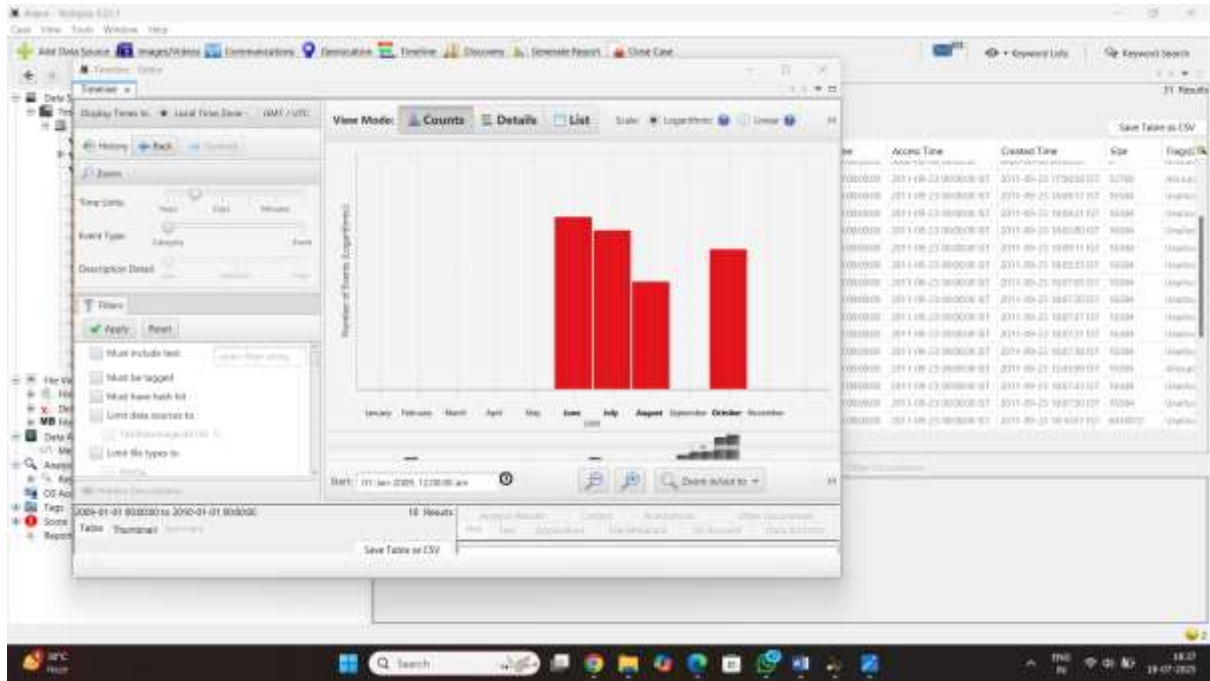


Step13 location on pic they are option in
gelocation click on that and select the picture



Step14 timeline chart option

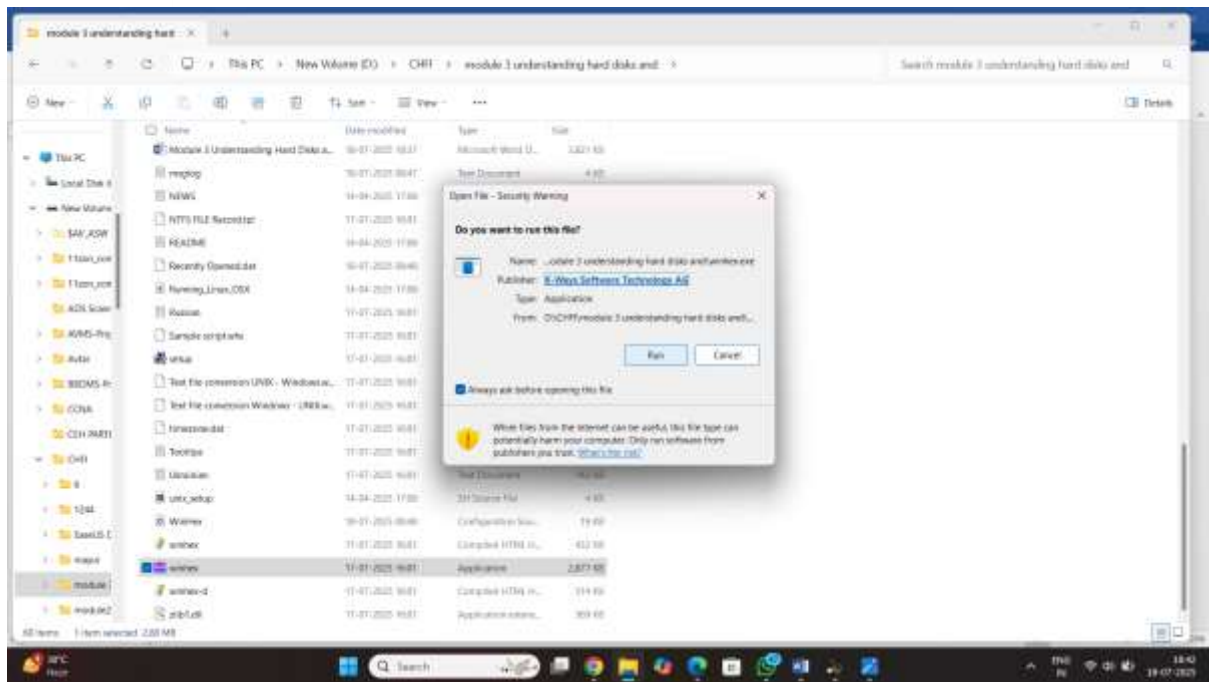




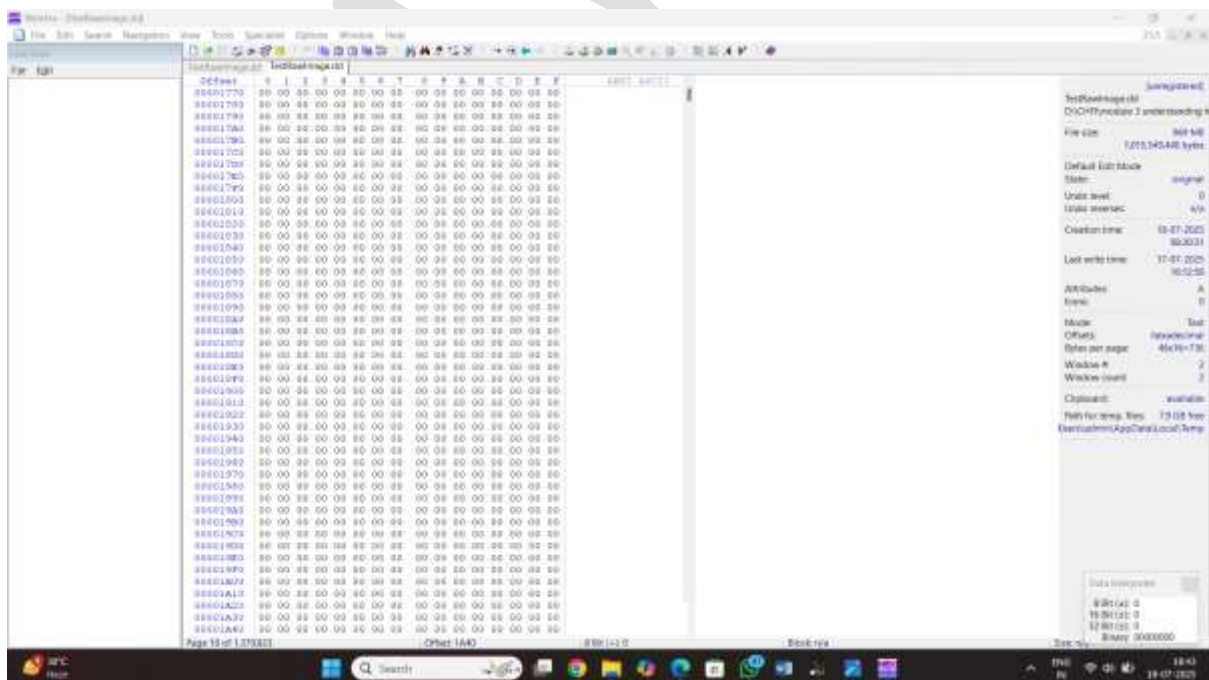
Lab2 recover delited data file image from hard disk there was tool called winhex

Step1 download the winhex

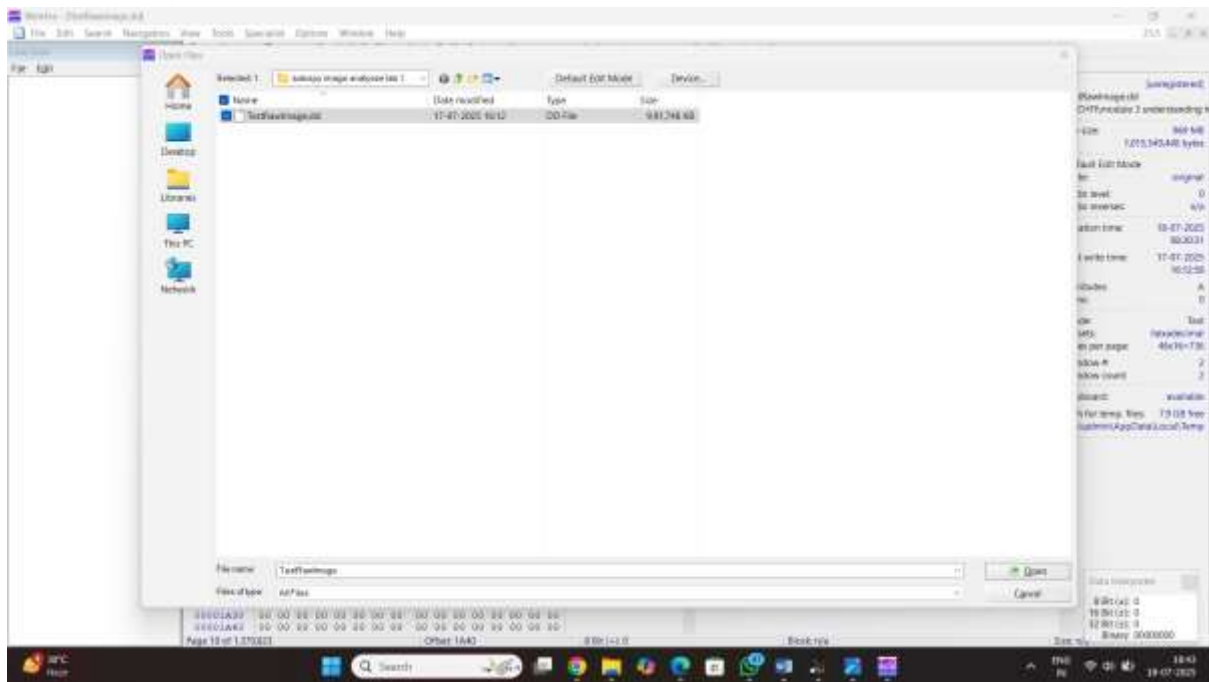
Step2 start the winhex



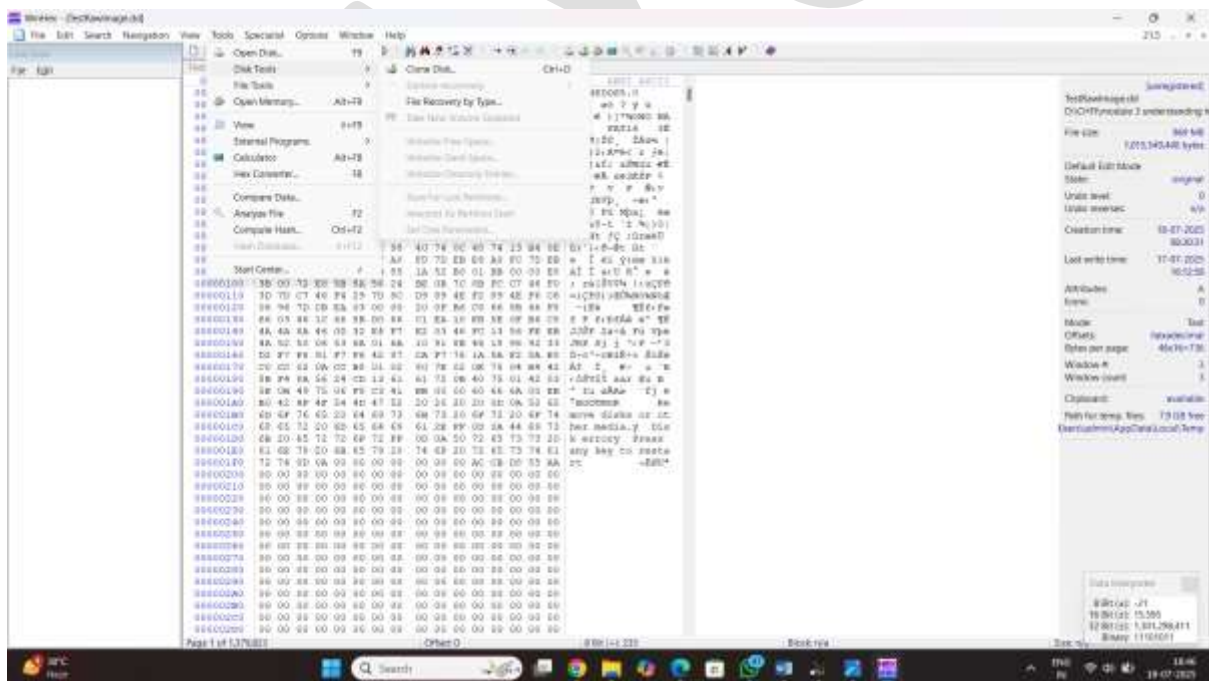
Step3 click on the open file



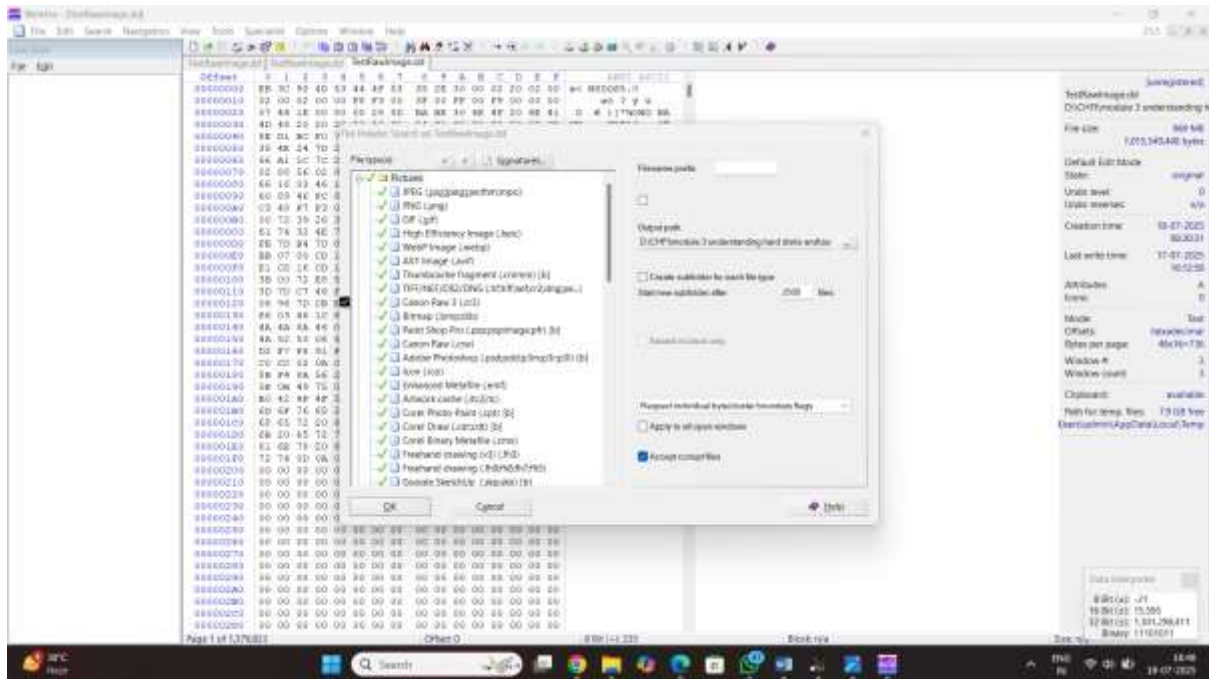
Step4: select the dd image



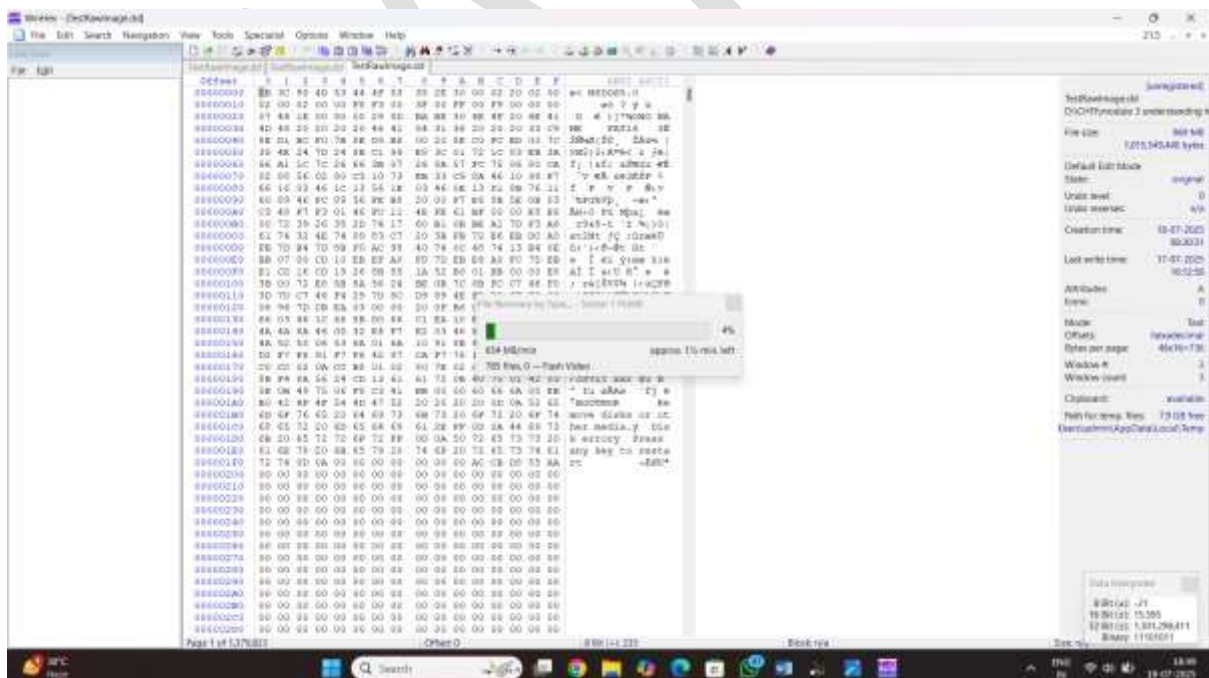
Step5 open disk tool select the option file recovery



Step6: select the folder recover of data



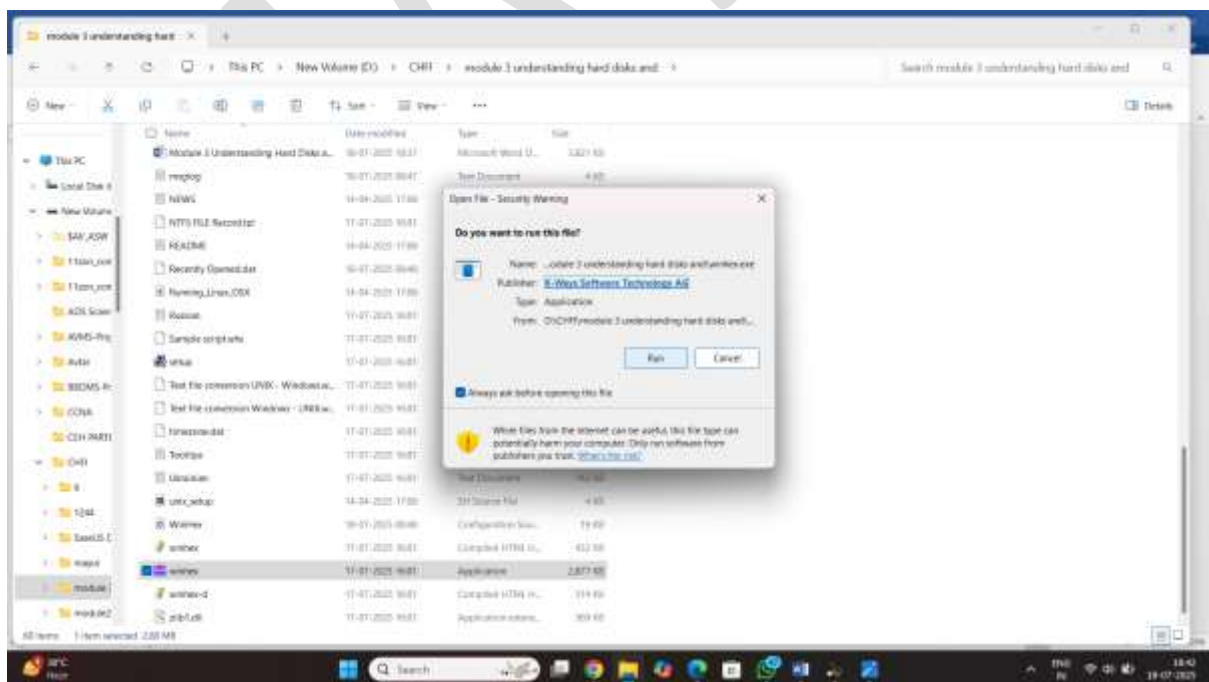
Click on next



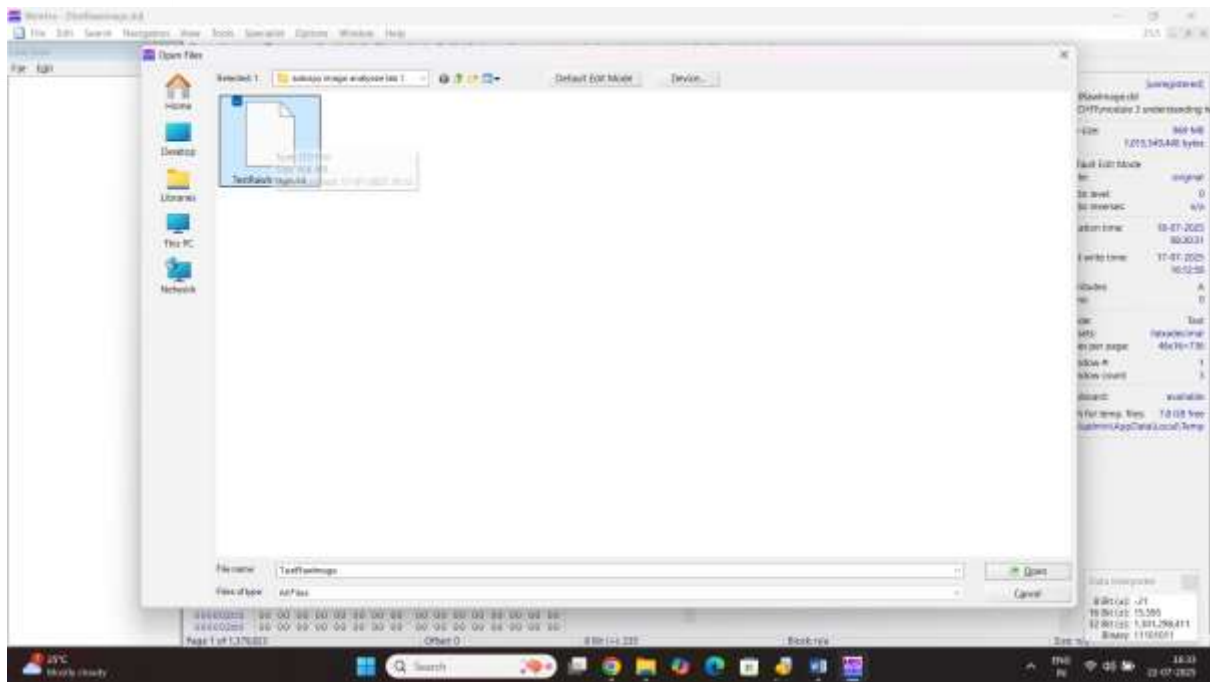


Lab3 how to identify image hex value

Step1 Start the hex value



Step2 select the dd image file



Result:

