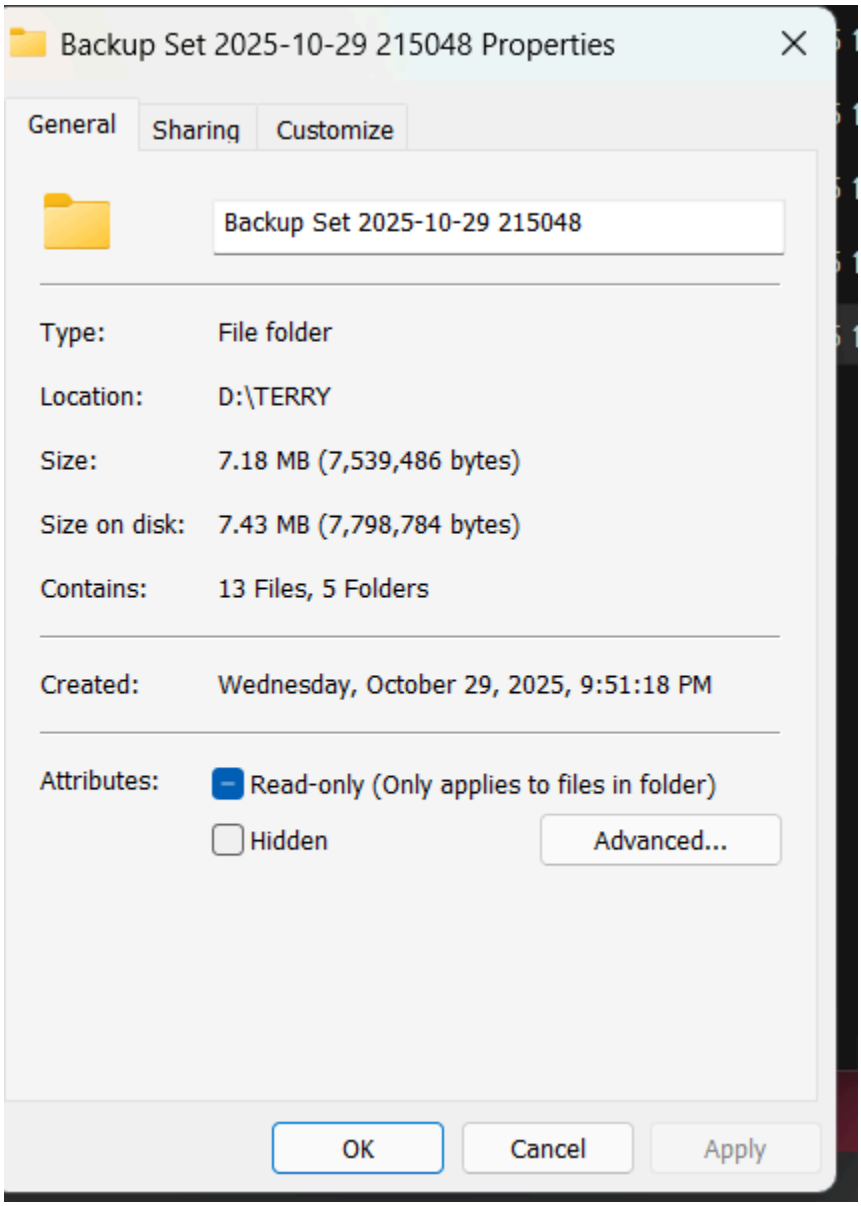
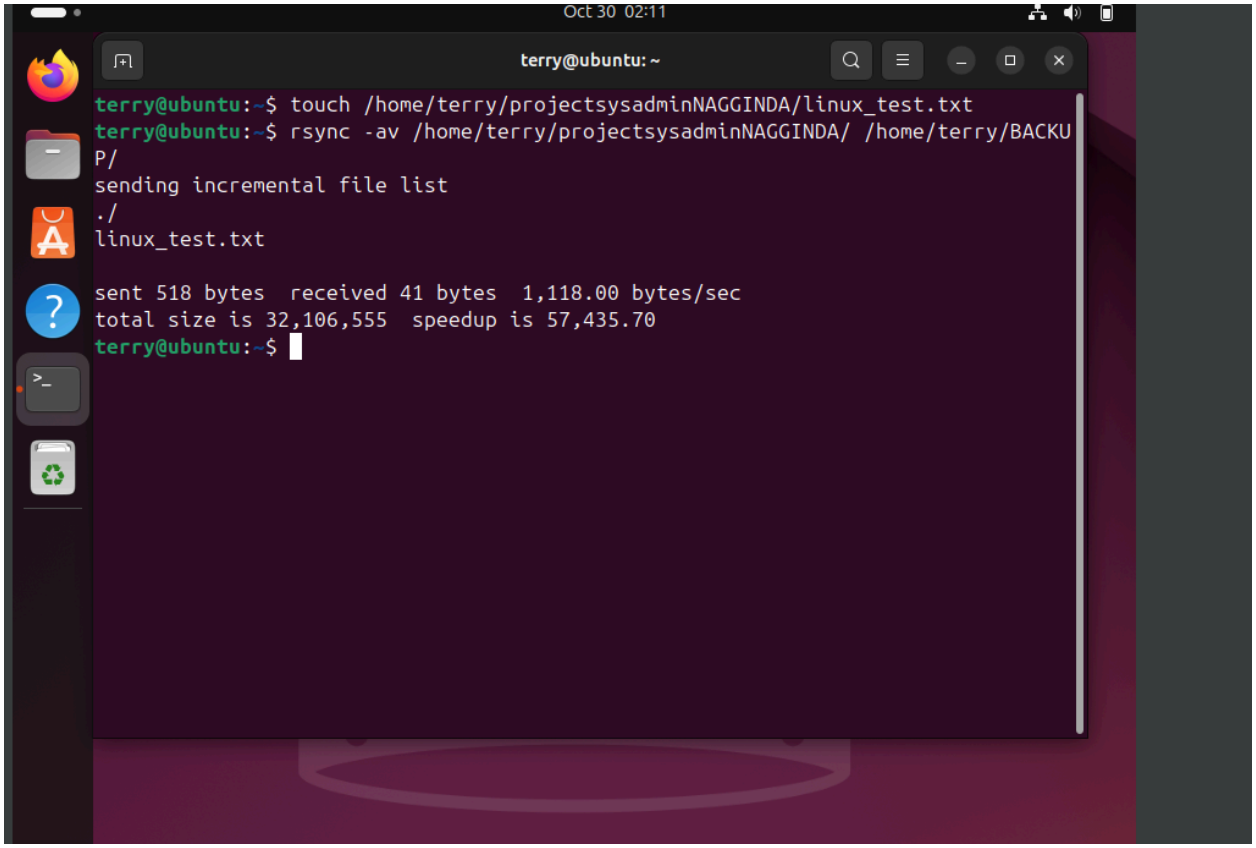
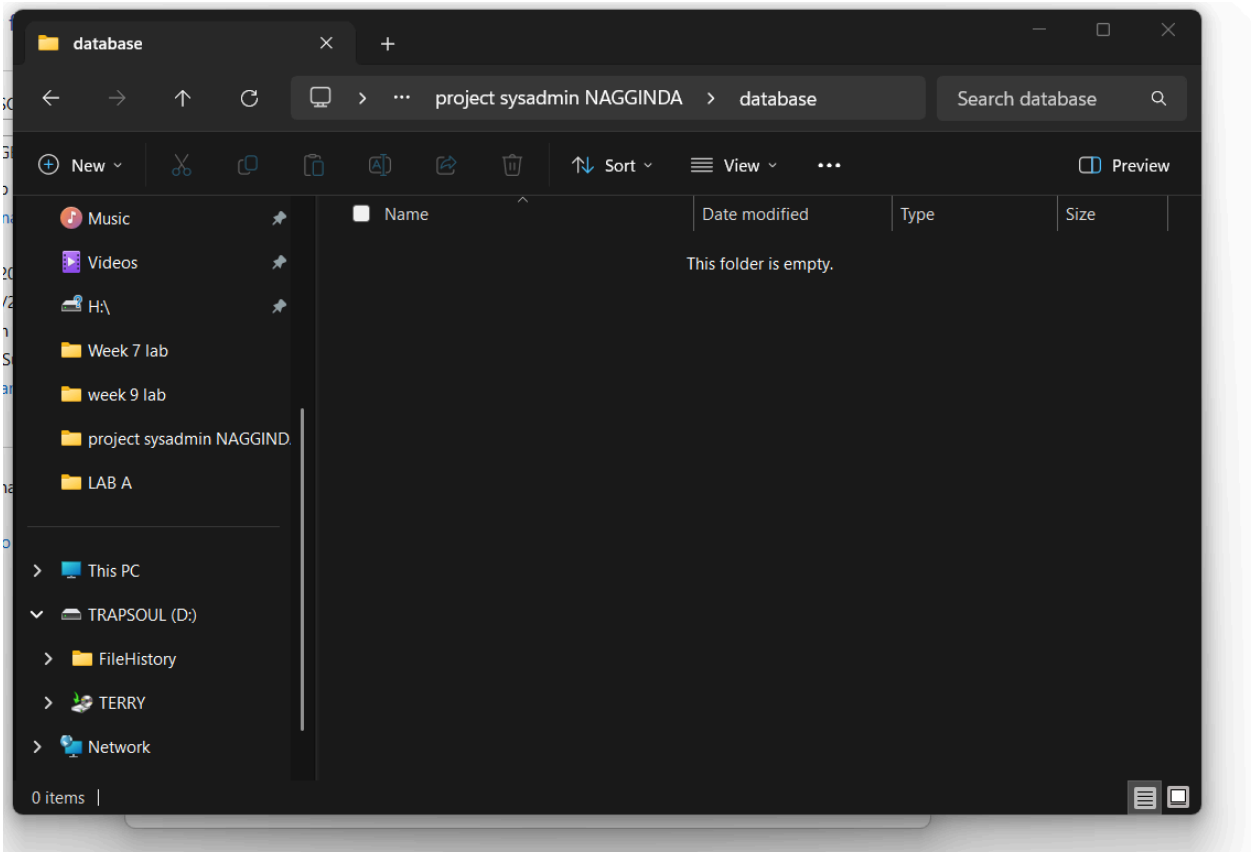
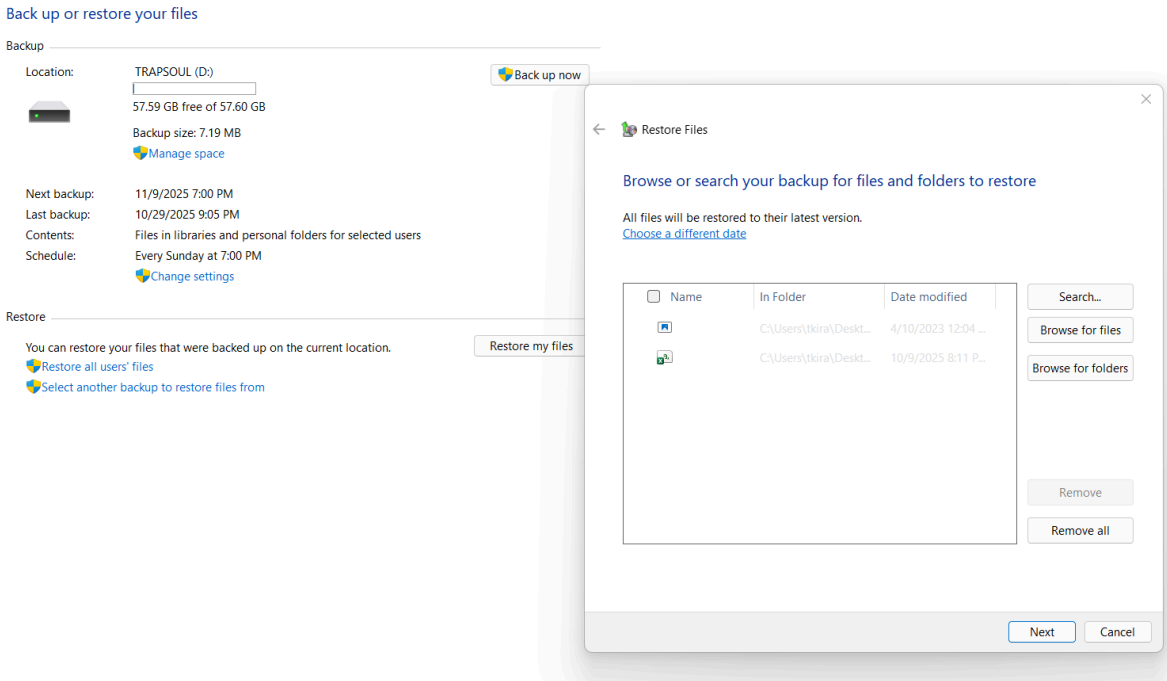
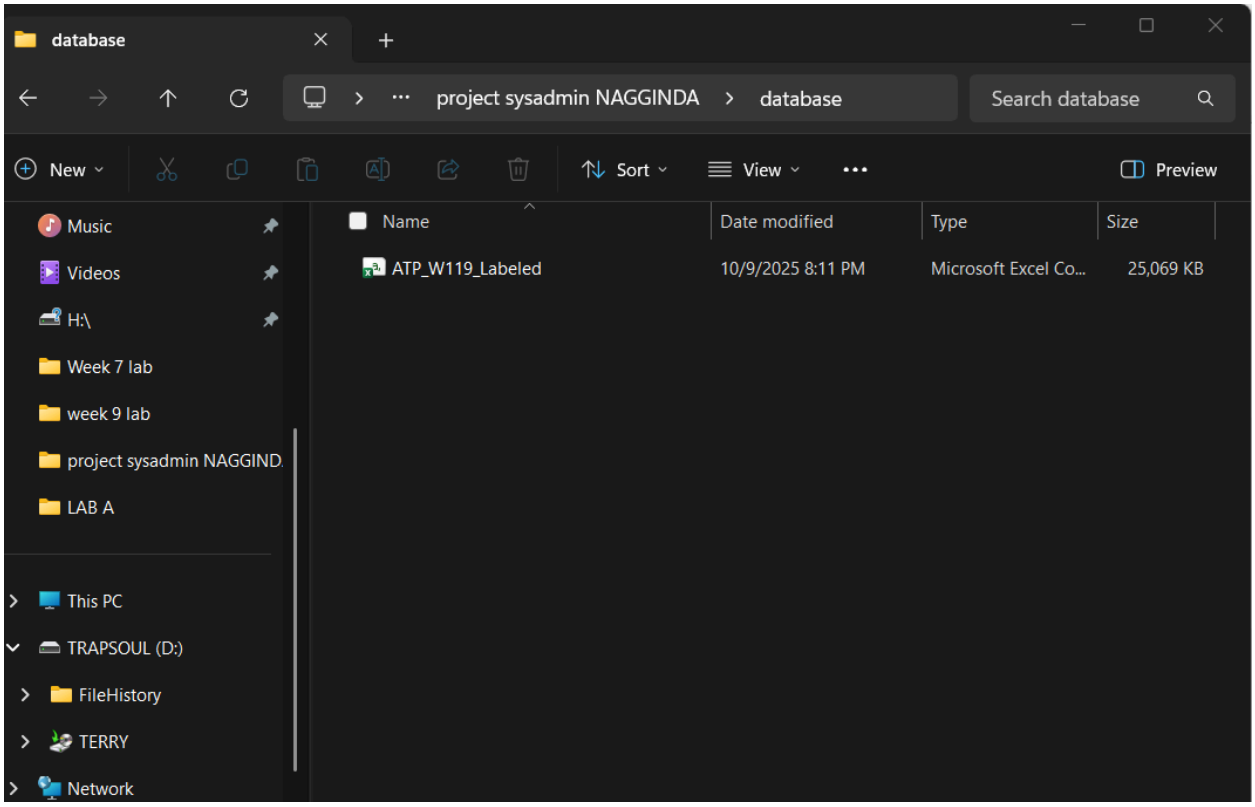
Took one second for thebackup thing advanced settings windows

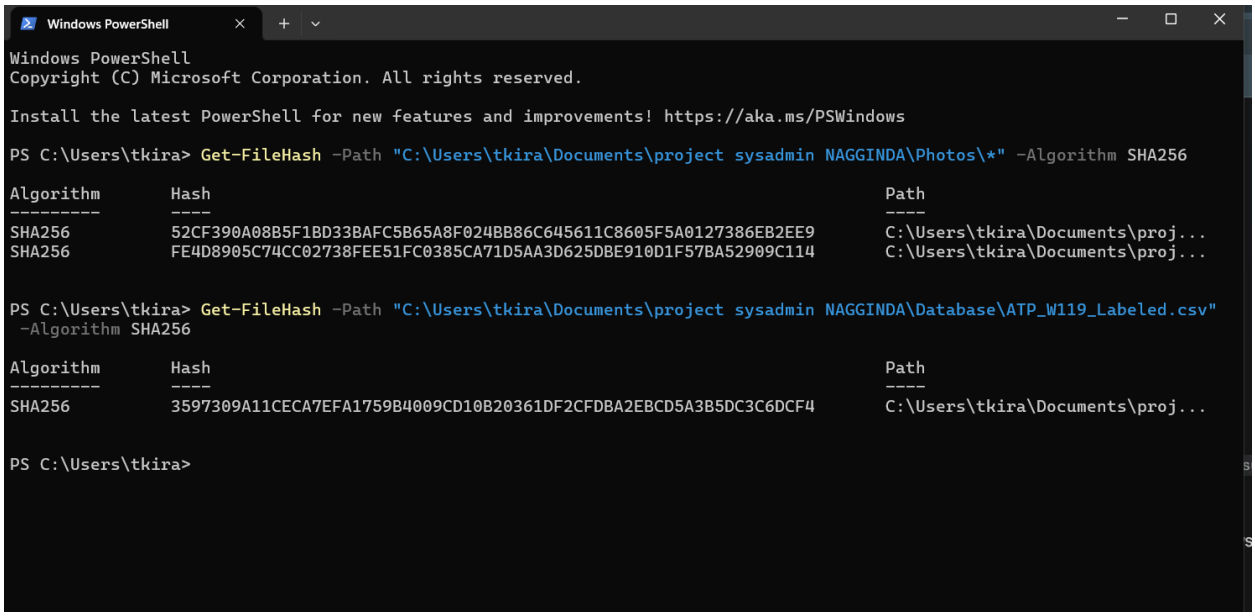



Oct 30 02:11
terry@ubuntu: ~
terry@ubuntu:~$ touch /home/terry/projectsysadminNAGGINDA/linux_test.txt
terry@ubuntu:~$ rsync -av /home/terry/projectsysadminNAGGINDA/ /home/terry/BACKUP/
sending incremental file list
./
linux_test.txt
sent 518 bytes received 41 bytes 1,118.00 bytes/sec
total size is 32,106,555 speedup is 57,435.70
terry@ubuntu:~$


database
project sysadmin NAGGINDA
database
Search database
New
Sort
View
Preview
Music
Videos
H:\
Week 7 lab
week 9 lab
project sysadmin NAGGIND
LAB A
This PC
TRAPSOUL (D:)
FileHistory
TERRY
Network
Name
Date modified
Type
Size
This folder is empty.
0 items


Back up or restore your files
Backup
Location:
TRAPSOUL (D:)
57.59 GB free of 57.60 GB
Backup size: 7.19 MB
Manage space
Back up now
Next backup: 11/9/2025 7:00 PM
Last backup: 10/29/2025 9:05 PM
Contents: Files in libraries and personal folders for selected users
Schedule: Every Sunday at 7:00 PM
Change settings
Restore
You can restore your files that were backed up on the current location.
Restore all users' files
Select another backup to restore files from
Restore my files
Restore Files
Browse or search your backup for files and folders to restore
All files will be restored to their latest version.
Choose a different date
Name
In Folder
Date modified
Search...
Browse for files
Browse for folders
Remove
Remove all
Next
Cancel


database
project sysadmin NAGGINDA
database
Search database
New
Sort
View
Preview
Music
Videos
H:\
Week 7 lab
week 9 lab
project sysadmin NAGGIND
LAB A
This PC
TRAPSOUL (D:)
FileHistory
TERRY
Network
Name
Date modified
Type
Size
ATP_W119_Labeled
10/9/2025 8:11 PM
Microsoft Excel Co...
25,069 KB


Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Users\tkira> Get-FileHash -Path "C:\Users\tkira\Documents\project sysadmin NAGGINDA\Photos*" -Algorithm SHA256
Algorithm Hash Path
SHA256 52CF390A08B5F1BD33BAFC5B65A8F024BB86C645611C8605F5A0127386EB2EE9 C:\Users\tkira\Documents\proj...
SHA256 FE4D8905C74CC02738FEE51FC0385CA71D5AA3D625DBE910D1F57BA52909C114 C:\Users\tkira\Documents\proj...
PS C:\Users\tkira> Get-FileHash -Path "C:\Users\tkira\Documents\project sysadmin NAGGINDA\Database\ATP_W119_Labeled.csv"
-Algorithm SHA256
Algorithm Hash Path
SHA256 3597309A11CECA7EFA1759B4009CD10B20361DF2CFDBA2EBCD5A3B5DC3C6DCF4 C:\Users\tkira\Documents\proj...
PS C:\Users\tkira>

File Edit View H1

```
Algorithm       Hash
---------       ----
SHA256          3597309A11CECA7EFA1759B4009CD10B20361DF2CFDBA2EBCD5A3B5D...
SHA256          FE434047D8DC98211DFFB50019C020B634215E0288051FE4C4BC743C...
SHA256          ED0E56B25CF2926EDBE544039E8A7B45057D85A83C9C2552C474A2D5...
SHA256          52CF390A08B5F1BD33BAFC5B65A8F024BB86C645611C8605F5A01273...
SHA256          FE4D8905C74CC02738FEE51FC0385CA71D5AA3D625DBE910D1F57BA5...
```

terry@ubuntu: ~

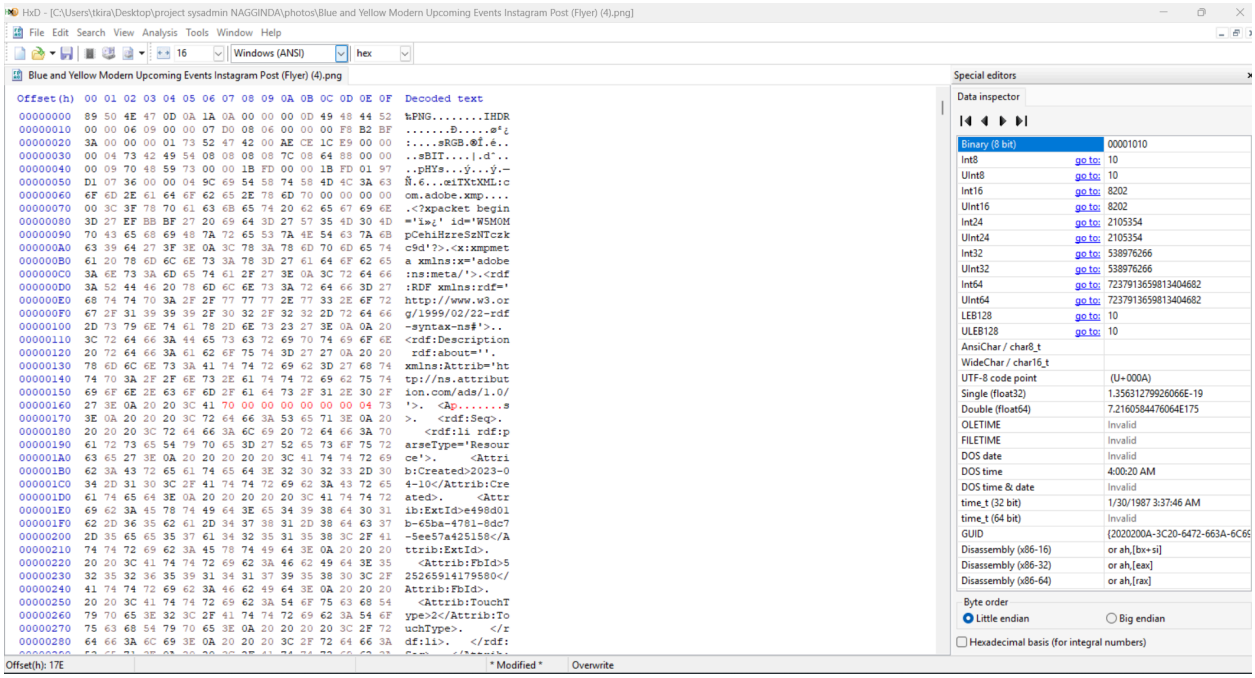
```
terry@ubuntu:~$ rm -rf /home/terry/projectsysadminNAGGINDA/Photos
terry@ubuntu:~$ rm -rf /home/terry/projectsysadminNAGGINDA/ATP_W199_Labeled.csv
terry@ubuntu:~$ rsync -av /home/terry/BACKUP/ /home/terry/projectsysadminNAGGIND
A/
sending incremental file list
./
Photos/
Photos/Blue and Yellow Modern Upcoming Events Instagram Post (Flyer) (4).png
Photos/Blue and Yellow Modern Upcoming Events Instagram Post (Flyer) (5).png

sent 3,718,388 bytes  received 67 bytes  7,436,910.00 bytes/sec
total size is 32,106,555  speedup is 8.63
terry@ubuntu:~$ ^C
terry@ubuntu:~$ sha256sum /home/terry/projectsysadminNAGGINDA/Photos/*
52cf390a08b5f1bd33bafc5b65a8f024bb86c645611c8605f5a0127386eb2ee9  /home/terry/pr
ojectsysadminNAGGINDA/Photos/Blue and Yellow Modern Upcoming Events Instagram Po
st (Flyer) (4).png
fe4d8905c74cc02738fee51fc0385ca71d5aa3d625dbe910d1f57ba52909c114  /home/terry/pr
ojectsysadminNAGGINDA/Photos/Blue and Yellow Modern Upcoming Events Instagram Po
st (Flyer) (5).png
```

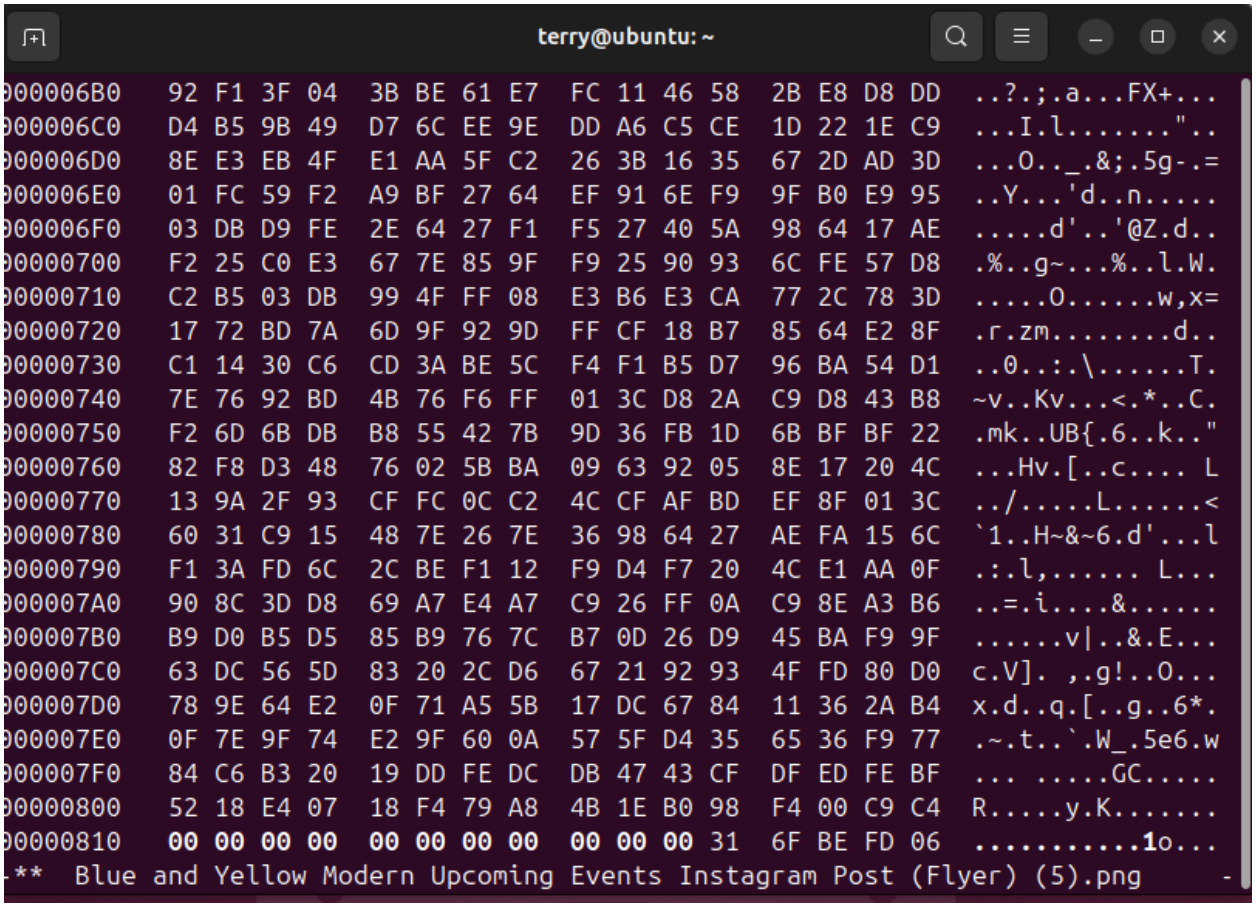
Open

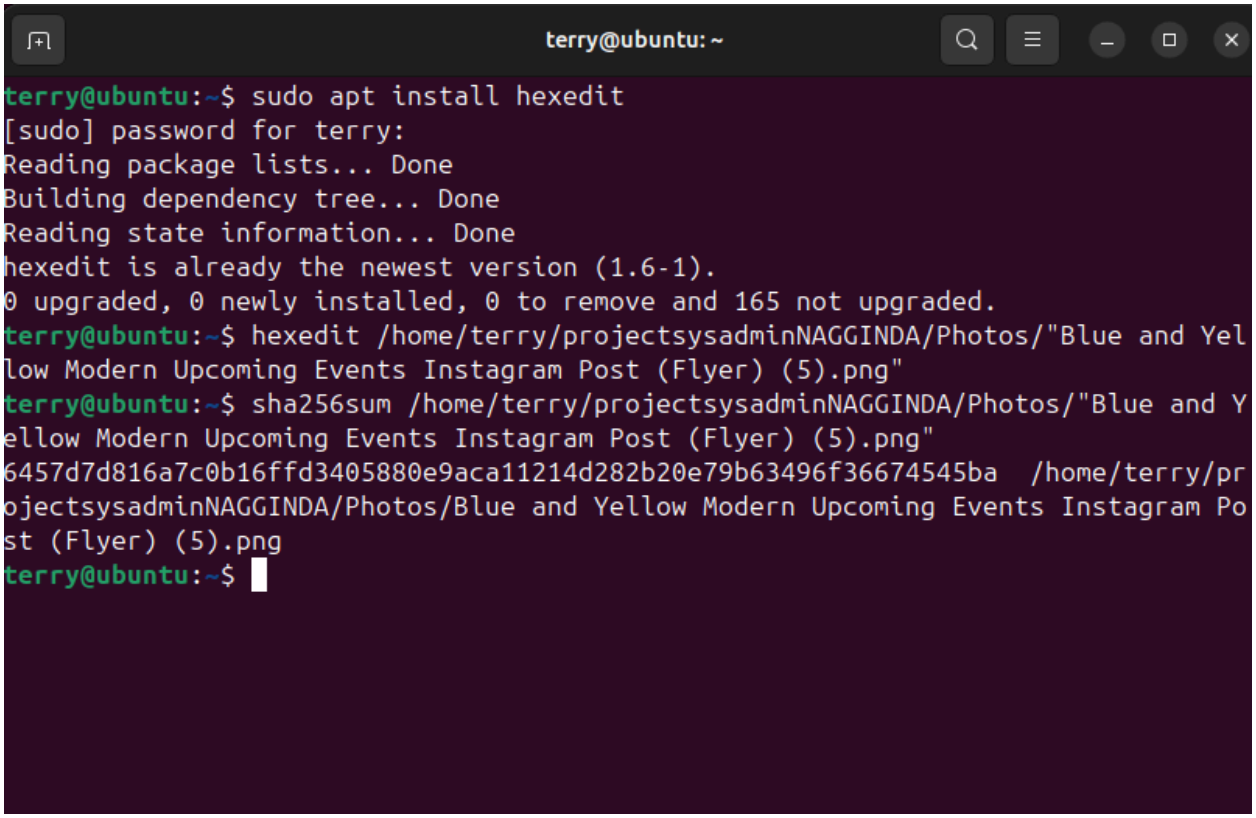
ground_truth_checksums.txt
~/projectsysadminNAGGINDA

```
3597309a11ceca7efa1759b4009cd10b20361df2cfdba2ebcd5a3b5dc3c6dcf4  ./Database/ATP_W119_Labeled.csv
fe4d8905c74cc02738fee51fc0385ca71d5aa3d625dbe910d1f57ba52909c114  ./Photos/Blue and Yellow Modern Upcoming Events Instagram Post (Flyer) (5).png
52cf390a08b5f1bd33bafc5b65a8f024bb86c645611c8605f5a0127386eb2ee9  ./Photos/Blue and Yellow Modern Upcoming Events Instagram Post (Flyer) (4).png
fe434047d8dc98211dffb50019c020b634215e0288051fe4c4bc743cb33c0a5a  ./Documents/large_text.txt
ed0e56b25cf2926edbe544039e8a7b45057d85a83c9c2552c474a2d5e6d172dc  ./Documents/Self & Partner Peer Feedback.docx
ca6d556b732fb3a8963654e2da9e59afd2a1b900ac4cbe8071f07d9527c21ed1  ./ground_truth_checksums.txt
```

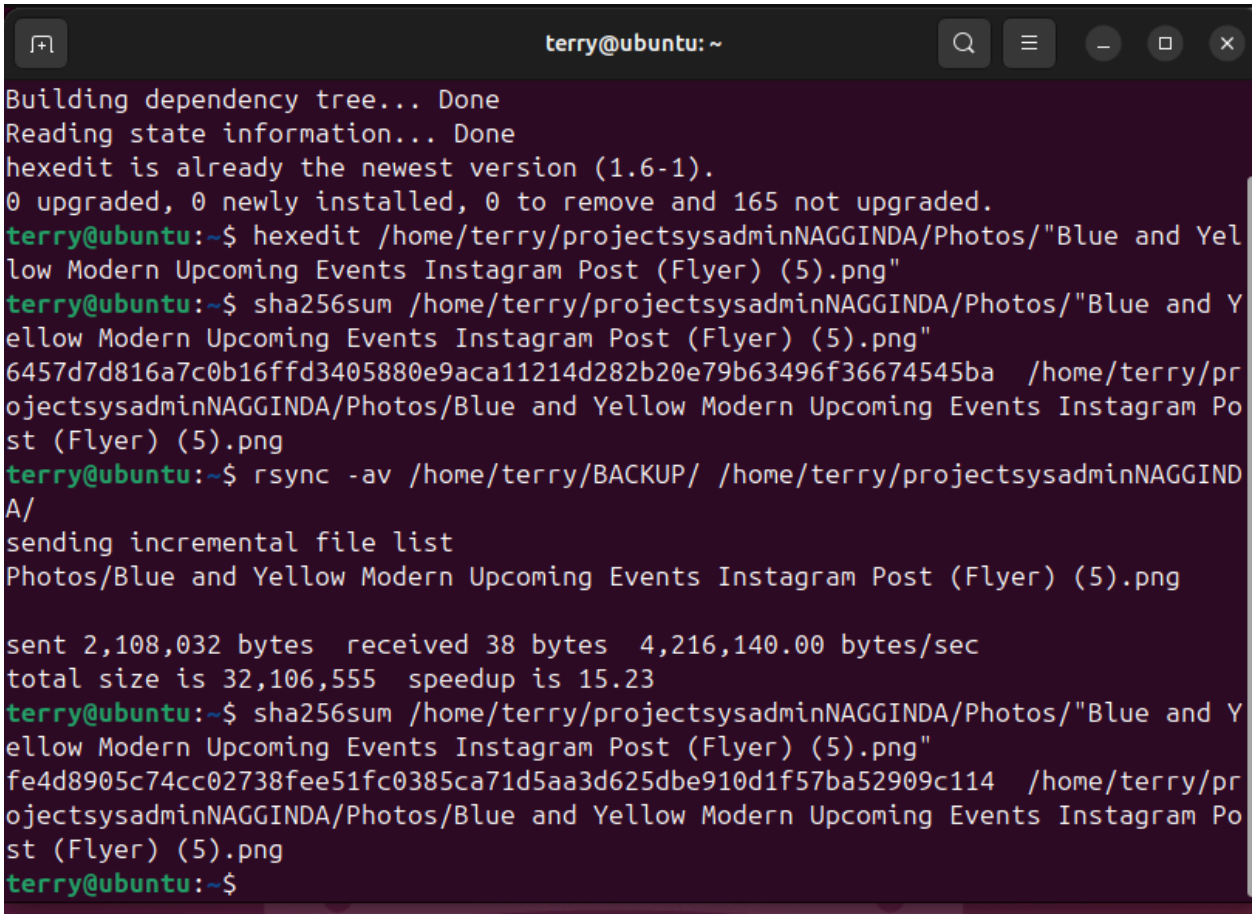


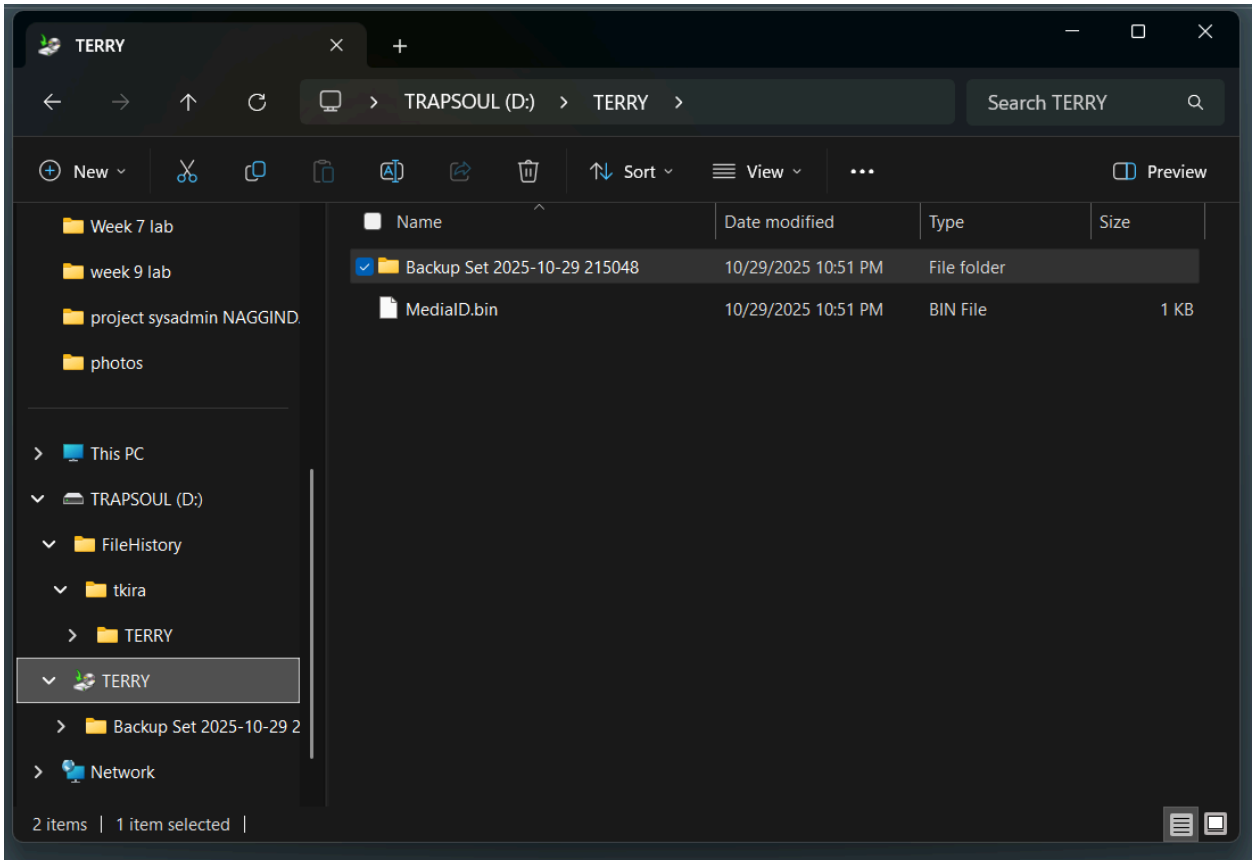
Corrupting files in Ubuntu





On Linux, there were no file permission or system-level locks. The user (terry) had full authority to modify their own files, and the `hexedit` tool worked instantly.


terry@ubuntu: ~
Building dependency tree... Done
Reading state information... Done
hexedit is already the newest version (1.6-1).
0 upgraded, 0 newly installed, 0 to remove and 165 not upgraded.
terry@ubuntu:~$ hexedit /home/terry/projectsysadminNAGGINDA/Photos/"Blue and Yel
low Modern Upcoming Events Instagram Post (Flyer) (5).png"
terry@ubuntu:~$ sha256sum /home/terry/projectsysadminNAGGINDA/Photos/"Blue and Y
ellow Modern Upcoming Events Instagram Post (Flyer) (5).png"
6457d7d816a7c0b16ffd3405880e9aca11214d282b20e79b63496f36674545ba /home/terry/pr
ojectsysadminNAGGINDA/Photos/Blue and Yellow Modern Upcoming Events Instagram Po
st (Flyer) (5).png
terry@ubuntu:~$ rsync -av /home/terry/BACKUP/ /home/terry/projectsysadminNAGGIND
A/
sending incremental file list
Photos/Blue and Yellow Modern Upcoming Events Instagram Post (Flyer) (5).png
sent 2,108,032 bytes received 38 bytes 4,216,140.00 bytes/sec
total size is 32,106,555 speedup is 15.23
terry@ubuntu:~$ sha256sum /home/terry/projectsysadminNAGGINDA/Photos/"Blue and Y
ellow Modern Upcoming Events Instagram Post (Flyer) (5).png"
fe4d8905c74cc02738fee51fc0385ca71d5aa3d625dbe910d1f57ba52909c114 /home/terry/pr
ojectsysadminNAGGINDA/Photos/Blue and Yellow Modern Upcoming Events Instagram Po
st (Flyer) (5).png
terry@ubuntu:~$


TERRY
TRAPSOUL (D:) › TERRY ›
Search TERRY
New
Sort
View
Preview
Week 7 lab
week 9 lab
project sysadmin NAGGIND
photos
This PC
TRAPSOUL (D:)
FileHistory
tkira
TERRY
TERRY
Backup Set 2025-10-29 2
Network
Name
Date modified
Type
Size
Backup Set 2025-10-29 215048
10/29/2025 10:51 PM
File folder
MediaID.bin
10/29/2025 10:51 PM
BIN File
1 KB
2 items | 1 item selected |

Back up or restore your files

Check backup settings
Windows cannot find the disk or network location where your backups are being saved.

Options

Backup

Location: TRAPSOUL (D:)

57.60 GB free of 57.60 GB

Backup size: Not Available

Manage space

Back up now

Next backup: 11/16/2025 7:00 PM
Last backup: 10/29/2025 9:05 PM
Contents: Files in libraries and personal folders for selected users
Schedule: Every Sunday at 7:00 PM

Change settings

Restore

You can restore your files that were backed up on the current location.

Restore my files

Restore all users' files

Select another backup to restore files from